

ANTHROPOLOGICAL BULLETINS

from the

ZOOLOGICAL SURVEY OF INDIA

Bulletin No. II

MARCH, 1934

**A Comparative study of the Somatic Affinities of
the Maithil and Kanaujia Brahmins of Behar.**

By

BAJRA KUMAR CHATTERJEE, M.Sc.,
Anthropological Laboratory of the Indian Museum, Calcutta.

Calcutta:

PUBLISHED BY THE DIRECTOR, ZOOLOGICAL SURVEY OF INDIA

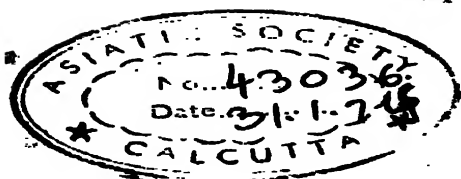
1934

ANATOMIC SOCIETY, CALCUTTA.

572.954

C.39.2.C.S.

S.N 086670



INTRODUCTORY NOTE.

In an introductory note to the first Anthropological Bulletin from the Zoological Survey of India issued in July, 1931, Lt.-Col. R. B. Seymour Sewell, the then Director of the Zoological Survey of India, explained the history and the exact scope of these Bulletins. The present bulletin, the second of the Series, is by Mr. Bajra Kumar Chatterjee who has been carrying on research as an unofficial worker in the Anthropological Laboratory of the Zoological Survey of India for a number of years under the supervision of Dr. B. S. Guha, Anthropologist, Zoological Survey of India. The bulletin deals with a comparative study of the somatic characters of the Maithil and Kanaujia Brahmins of Behar, and it is hoped that further studies in this connection will be published hereafter.

INDIAN MUSEUM, CALCUTTA.

20th February 1934.

BAINI PRASHAD,

Director, Zoological Survey of India.

CONTENTS.

	PAGE.
INTRODUCTION	69
Brahmins of Behar and their Different Groups	69
1. The Kanaujia Brahmins	69
2. The Maithil Brahmins	70
The Method of Investigation and Technique	71
Analysis of the Anthropometric data	72
Measurements—	
Stature	72
Auricular Height	73
Maximum Head Length	73
Maximum Head Breadth	73
Minimum Frontal Breadth	73
Maximum Bizygomatic Breadth	74
Bigonial Breadth	74
Inter-Orbital Breadth	74
Orbito-Nasal Breadth	74
Orbito-Nasal Arc	74
Nasal Length	74
Nasal Height or Depth	75
Nasal Breadth	75
Upper Facial Length	75
Total Facial Length	75
Horizontal Circumference of the Head	75
• Transverse Arc	75
Sagittal Arc	75
Indices—	
Length Breadth Index of the Head	76
Length Height Index of the Head	76
Breadth Height Index of the Head	77
Transverse Fronto-Parietal Index	77
Orbito-Nasal Index	78
Nasal Index	78
Nasal Elevation Index	79
Upper Facial Index	79
Total Facial Index	80
Transverse Cephalo-Facial Index	80
Vertical Cephalo-Facial Index	81
Zygomatico Frontal Index	81
Zygomatico Mandibular Index	81
Analysis of the Physical Observations	81
1. The Kanaujias	81
Skin Colour	81
• Forehead	81
Upper Arm	82
Chest	82
Hair of the Head	83
Beard and Moustache	84
Body Hair	85
Eye	85

	PAGE.
Analysis of the Physical Observations—contd.	
1. The Kanaujias— <i>contd.</i>	
FOREHEAD	86
Height of Forehead	86
Breadth of Forehead	87
Slope of Forehead	87
Supra-Orbital Ridges	87
Prognathism	88
Nose	88
Lips	89
Chin	89
Ears	89
Face	90
Teeth	90
2. The Maithils	90
Skin Colour	90
Forehead	90
Upper Arm	91
Chest	91
Hair of the Head	92
Beard and Moustache	93
Body Hair	94
Eye	95
FOREHEAD—	
Height of Forehead	96
Breadth of Forehead	96
Slope of Forehead	96
Supra-Orbital Ridges	97
Prognathism	97
Nose	97
Lips	98
Chin	98
Ears	99
Face	99
Teeth	99
3. Observations, etc., on the Kanaujias and the Maithils compared	100—107
Comparison of the Physical Characters of the Maithil and the Kanaujia Brahmins by means of Pearson's Co-efficient of Racial Likeness	107—110
A—Comparison of the Maithil and the Kanaujia Brahmins with other groups. The data of Risley and Chanda	110—114
B—Comparison of the Maithils and the Kanaujia Brahmins with the Brahmins and other castes of Northern and Southern India by means of Pearson's Co-efficient of Racial Likeness	115—117
Measurements and Indices Tables, etc.	117—216

A COMPARATIVE STUDY OF THE SOMATIC AFFINITIES OF THE MAITHIL AND KANAUJIA BRAHMINS OF BEHAR.

INTRODUCTION.

In the summers of 1931 and 1932 at the suggestion of Dr. B. S. Guha of the Zoological Survey of India, I took anthropometric measurements of the Kanaujia and the Maithil male Brahmins of Behar with a view to compare their racial affinities with other Brahmin groups distributed in the neighbouring provinces, viz., United Provinces of Agra and Oudh, Central Provinces, Orissa and Bengal.

BRAHMINS OF BEHAR AND THEIR DIFFERENT GROUPS.

The total Brahmin population of Behar, according to the Indian Census Report¹, 1931, is 670,962 male and 640,517 female.

The most important groups of Brahmins of Behar are the following :—

1. Kanaujia.
2. Maithil.
3. Sanadhya.
4. Gaur Brahmins of Behar.
5. Sakaldwipi.
6. Saraswat.

1. *The Kanaujia Brahmins.*

Of these the Kanaujias hold a very high position among the Brahmins of Northern India. They form one of the five divisions called *Panch Gaur*.² They derived their name from the ancient Hindu city of Kanauj, which was situated at the confluence of the Ganges and the Kalinadi in the district of Farrukhabad. They are found in almost every part of Northern India but their original home appears to be the tract of the country which before the time of Wellesley, formed the western half of the kingdom of Oudh and included the districts of Pilibhit, Bareilly, Shahjhanpur, Farrukhabad, Cawnpore, Fatehpur, Hamirpore, Banda and Allahabad.

Three main divisions of them are found in Behar :—

- (1) *Kanaujia proper or Antarvedi* coming from the country between the Ganges and the Jamuna.
- (2) *Sarjupari or Sarwaria*, who are said to have settled on the banks of the Sarju or the Gogra in the time of the legendary Raja Aja, the grand-father of King Ramchandra.
- (3) *Sanadhya or Sanadhia* are a group inferior in status to the Kanaujia proper and they are very numerous in the central district of Doab between Mathura to the south-west and Kanauj to the north-east.

¹ *Census of India, 1931, Vol. VII. Behar and Orissa, Part II, Table VIII, p. 50.*

² Bhattacharjya, J. N. "*Hindu Castes & Sects*", p. 49, Calcutta 1896.

The usual surnames¹ of the Kanaujias are the following :—

1. Awasti.
- †2. Misra.²
3. Dikshit.
4. Sukul.
5. Dobey or Dube or Dwivedi.
6. Tewari or Trivedi.
7. Chaube or Chaturvedi.
8. Pande.
9. Bajpai.
- †10. Pathak.

In each of these groups, there are many exogamous sub-sections, having different status for matrimonial purposes. The majority of them are "Sivaïtes," but there are among them a few "Saktas" and "Sri-Vaishnavas." The Sivaïtes and Sri-Vaishnavas are strict vegetarians. The Kanaujias, in general, do not act as priests, as they do not receive gifts, but are mostly teachers of Sanskrit and Hindi. Many of them have taken to agriculture and some are petty zemindars, while the very poor among them often work as cooks, as all castes can take food cooked by a Brahmin.

2. The Maithil Brahmins.

The Brahmins of Mithila or Tirhoot are called Maithil Brahmins. They form, like the Kanaujias, one of the five leading classes of the North-Indian Brahmins, which are grouped together as the *Panch Gaur*.³

Their name is derived from Mithila, an ancient division of India, comprising the present-day districts of Saran, Muzafferpore, Darbhanga, Purnea and part of Nepal. According to Colebrooke there are fewer distinctions among the Brahmins of Mithila than among the Brahmins of Bengal⁴ "though distinct families are more numerous" among the former. His statement that "no more than three surnames are in use in that district—Thakoor, Misra and Ojha; each appropriated in any family"—is not supported by Dr. Bhattacharjya.⁵ The data collected by me are also in agreement with the latter's view. In addition to the name given by Dr. Bhattacharjya, I found two more surnames, viz., Bhutt and Sarma, but Padri and Pura given by Dr. Bhattacharjya do not occur in my list.

It is true that the Maithils have no endogamous divisions, but possess numerous and complex exogamous groups which constitute a complete

¹ Bhattacharjya, J. N., *Op. cit.*, p. 49.

² The surnames marked with the sign † are also found among the Bengali Hindus.

³ Bhattacharjya, J. N., *Op. Cit.*, p. 46.

⁴ Colebrooke, H. T.—Enumeration of Indian classes. *Asiatic Researches*, V, pp. 54-67, esp. p. 66, Calcutta, 1793.

⁵ Bhattacharjya, J. N., *Op. Cit.*, p. 46.

hypergamous system. For the latter purpose the caste is divided into five groups, which rank in the following order¹ :—

1. Srotriya or Sote—a reader of the Vedas.
2. Jog—a family of inferior class that has attained a superior status by a marriage connection with the Srotriya.
3. Panjibaddh. *
4. Nagar.
5. Jaiwar.

A man of the Srotriya group may take a wife from the lower groups and is usually paid a considerable sum of money for doing so, but as a result he loses his social status and the children of such a union, though higher than the class from which their mother comes, are, nevertheless, socially classed as inferior to the members of their father's class. The same rule applies to the other classes in a descending order; each may take a wife from the group below it. The principle of this rule is the same as that followed by Manu² in laying down the matrimonial relations for the four primary castes, and in its earliest form it seems to have worked strictly against a woman of a higher group marrying a man of a lower group. It is important, however, to notice that in Behar the rule is now much less stringent and rigid than in Bengal. Their usual surnames are the following :—

1. *Misra—a reader of the two Mimansas.
2. *Pathak—a reader of the Mahabharat and Purans.
3. *Chowdry.
4. Ojha or *Jha—both are corrupted forms of the Sanskrit word 'Upadhyay' which means an assistant teacher or priest.
5. Padri.
6. Pura.
7. *Ray.
8. *Thakoor (God).
9. *Bhutt.
10. *Sarma.

The surnames marked with an asterisk are also found amongst the Bengali Brahmins.

The majority of the Maithil Brahmins are "Sakti" worshippers.

THE METHOD OF INVESTIGATION AND TECHNIQUE.

Our knowledge of the physical anthropology of the Behari Brahmins has hitherto been very meagre, the only metric data being those published by Sir Herbert Risley and Mr. R. P. Chanda.³ The former classified the

¹ Bhattacharjya, J. N., *Op. Cit.*, p. 46.

² Risley, Sir Herbert H., *Tribes & Castes of Bengal*, I, p. 168. Calcutta 1891.

³ Chanda, R. P., *The Indo-Aryan Races*, Pt. I, (Rajshahi, 1916).

Behari Brahmins as a mixture of Aryan and Dravidian people. It may be mentioned in this connection, however, that the terms "Aryan" and "Dravidian" have only linguistic significance and should not be employed in a racial sense. Both these authors have taken into consideration only a few characters, viz., the stature, the maximum length and breadth of the head and of the nose, etc. These measurements, however, are hardly sufficient for a detailed analysis.

In taking my measurements, I have followed the technique advocated by the International Agreement of 1909 and its modification recognised by subsequent practice (*vide* Wilder). This technique is followed in the Anthropological Laboratory of the Zoological Survey of India, where I have been carrying on researches for the last five years. The subjects measured were all above 21 years of age. The measurements were taken with instruments manufactured by Messrs. P. Herman & Co. of Zurich. The specific results derived from the measurements and indices are given in Tables 75-78 (*vide* pp. 117-119). All the measurements are in millimeters. The Mean with its Probable Error, the Standard Deviation and Coefficient of Variation with their respective Probable Errors for each measurement and index are given.

Considerable difficulty was at first experienced in securing the subjects, as my motive in taking the measurements was not understood by the illiterate Brahmins. Thanks, however, to the co-operation of the Ramkrishna Mission at Patna, and influential local friends at Patna and Bhagalpur, I was able to get the necessary subjects without much difficulty. In all, 160 male Kanaujias and 190 male Maithils were measured.

The conclusions reached in the following pages after a careful analysis of the materials collected by me, may, therefore, be regarded as giving an adequate idea of the somatic characters of the two most important sections of the Behari Brahmins and their kinship with the people of the adjoining provinces. It is hoped to follow this study by further investigations on the somatic characters of the remaining sections of the Behari Brahmins and other castes with a view to determining their racial affinities.

ANALYSIS OF THE ANTHROPOMETRIC DATA.

MEASUREMENTS.

Stature.—The average statures of the Maithil and the Kanauji male Brahmins as shown in Table Nos. 75, 76 are 1653.52 ± 3.14 mm. and $1,650.61 \pm 2.94$ mm. respectively. The Standard Deviations are 64.20 ± 2.22 for the Maithil, and 55.12 ± 2.08 for the Kanaujias; the Co-efficients of Variation, being 3.88 ± 0.13 and 3.33 ± 0.13 respectively. The differences between the two average statures, their Standard Deviations and Co-efficients of Variation are 2.91 mm. and 9.08 and 0.55 respectively.

The percentages and frequencies of different grades of statures are as follows :—

TABLE 1.

Description.	MAITHIL (190).		KANAUJIA (160).	
	Frequency.	Percentage.	Frequency.	Percentage.
Very tall 1,720 mm.+ . . .	32	16.85	24	15.00
Tall 1,680 mm.—1,720 mm. .	28	14.74	31	19.37
Medium 1,580 mm.—1,680 mm.	104	54.73	75	46.85
Short 1,480 mm.—1,580 mm. .	25	13.15	30	18.75
Pygmy—1,480 mm.	1	0.52	..	..

As the above table shows, the medium-statured people form 54.73 per cent. of the subjects examined in the case of the Maithil and 46.85 per cent. of the Kanaujia. The very tall and the tall people together constitute 31.59 per cent. of the Maithil and 34.37 per cent. of the Kanaujia. The short and the pygmy people rank the lowest in both the groups, 13.67 per cent. in the case of the Maithil and 18.75 per cent. of the Kanaujia.

Auricular Height.—The mean auricular heights of the Maithil and the Kanaujia male Brahmins, as shown in Tables 75, 76, are 131.10 ± 0.49 mm. and 127.73 ± 0.67 mm. respectively. The Standard Deviations are 10.05 ± 0.35 for the Maithils and 12.53 ± 0.47 for the Kanaujias, the Co-efficients of variation, being 7.66 ± 0.27 in the case of the former and 9.80 ± 0.37 in that of the latter. The differences between the two means, their Standard Deviations, and Co-efficients of variation, are 3.37 mm. and 2.48 and 2.14 respectively.

Maximum Head Length.—The average maximum head length (*vide* Tables 75, 76) of the Maithil is 190.32 ± 0.35 mm., while that of the Kanaujia is 188.40 ± 0.37 mm. The Standard Deviations are 7.22 ± 0.25 and 7.02 ± 0.26 , for the Maithils and the Kanaujias respectively; the Co-efficients of variation, being 3.79 ± 0.13 and 3.72 ± 0.14 respectively. The differences between the two averages, their Standard Deviations, and Co-efficients of variation, are 1.92 mm. and 0.20 and 0.07 respectively.

Maximum Head Breadth.—The average maximum head breadths of the Maithil and the Kanaujia male Brahmins, as shown in Tables 75, 76, are 144.26 ± 0.27 mm. and 143.22 ± 0.27 mm. respectively. Their respective Standard Deviations are 5.58 ± 0.19 and 5.10 ± 0.19 ; the Co-efficients of variation, being 2.93 ± 0.10 and 3.56 ± 0.13 respectively. The differences between the averages, their Standard Deviations, and Co-efficients of variation, are 1.04 mm. and 0.48 and 0.63 respectively.

Minimum Frontal Breadth.—The average minimum frontal breadths of the Maithil and the Kanaujia male Brahmins, as shown in Tables 75, 76, are 107.04 ± 0.21 mm. and 105.43 ± 0.28 mm. respectively. The Standard Deviations are 4.27 ± 0.15 for the Maithils and 5.24 ± 0.20 for the Kanaujias respectively. The Co-efficients of variation, being 3.98 ± 0.13 and

4.97±0.19 respectively. The differences between the averages, their Standard Deviations, and Co-efficients of variation, are 1.61 mm. and 0.97 and 0.99 respectively.

Maximum Bizygomatic Breadth.—The average maximum bizygomatic breadth of the Maithil male Brahmin is 132.59±0.21 mm., that of the Kanaujia male Brahmin, being 131.54±0.27 mm. (*vide* Tables 75, 76). The Standard Deviations are 4.28±0.15 for the Maithils and 4.97±0.19 for the Kanaujas; the Co-efficients of variation being 3.22±0.11 and 3.77±0.14 respectively. The differences between the two averages, their Standard Deviations, and Co-efficients of variation, are 1.05 mm. and 0.69 and 0.55 respectively.

Bigonial Breadth.—The mean bigonial breadths of the Maithil and the Kanaujia male Brahmins are 99.55±0.28 and 99.25±0.36 respectively, (*vide* Tables 75, 76). The Standard Deviations are 5.81±0.20 for the Maithils and 6.81±0.26 for the Kanaujas; the Co-efficients of variation being 5.83±0.20 and 6.86±0.26 respectively. The differences between the two averages, their Standard Deviations and Co-efficients of variation, are 0.30 mm. and 1.00 and 1.03 units respectively.

Inter-Orbital Breadth.—The average inter-orbital breadths of the Maithil and the Kanaujia male Brahmins, as shown in Tables 75, 76, are 31.04±0.11 mm. and 30.68±0.11 mm. respectively. The Standard Deviations are 2.34±0.08 for the Maithils and 2.14±0.08 for the Kanaujas; the Co-efficients of variation being 7.53±0.26 and 6.97±0.26 respectively. The differences between the two averages, their Standard Deviations and Co-efficients of variation, are 0.36 mm. and 0.20 and 0.56 respectively.

Orbito-Nasal Breadth.—The average orbito-nasal breadths of the Maithil and the Kanaujia male Brahmins are 97.44±0.29 mm. and 95.06±0.34 (*vide* Tables 75, 76). The Standard Deviations, are 5.93±0.21 for the Maithils and 6.43±0.24 for the Kanaujas; the Co-efficients of variation being 6.09±0.21 and 6.76±0.26 respectively. The differences between the two averages, their Standard Deviations, and their Co-efficients of variation, are 2.38 mm. and 0.50 and 0.67 respectively.

Orbito-Nasal Arc.—The average orbito-nasal arcs of the Maithil and the Kanaujia male Brahmins, as shown in Tables 75, 76, are 114.45±0.28 mm. and 111.95±0.39 respectively. The Standard Deviations are 5.69±0.20 for the Maithil and 7.25±0.27 for the Kanaujas; the Co-efficient of variation is 4.97±0.17 for the Maithils and 6.47±0.24 for the Kanaujas. The differences between the two averages, their Standard Deviations and Co-efficients of variation, are 2.50 mm. and 1.56 and 1.50 respectively.

Nasal Length.—The average nasal lengths of the Maithil and the Kanaujia male Brahmins as shown in Tables 75, 76 are 52.66±0.21 mm. and 52.01±0.18 mm. respectively. Their respective Standard Deviations are 4.32±0.15 and 3.45±0.13; the Co-efficients of variation being 8.20±0.29 and 6.63±0.25 respectively. The differences between the two averages, their Standard Deviations and Co-efficients of variation, are 0.65 mm. and 0.87 and 1.57 respectively.

Nasal Height or Depth.—The average nasal heights or depths of the Maithil and the Kanaujia male Brahmins of Behar are 21.37 ± 0.13 and 20.98 ± 0.14 mm. (*vide* Tables 75, 76). The Standard Deviations are 2.64 ± 0.09 for the Maithil and 2.67 ± 0.10 for the Kanaujia; the Co-efficients of variation being 12.35 ± 0.44 and 12.72 ± 0.49 respectively. The differences between the two means, their Standard Deviations and Co-efficients of variation, are 0.39 mm. and 0.03 and 0.37 respectively.

Nasal Breadth.—The average nasal breadths of the Maithil and the Kanaujia male Brahmins as shown in Tables 75, 76 are 36.06 ± 0.14 mm. and 34.96 ± 0.06 mm. respectively. The Standard Deviations are 2.85 ± 0.10 for the Maithil and 1.18 ± 0.04 for the Kanaujia; the Co-efficients of variation of the Kanaujia are 3.37 ± 0.13 , while those of the Maithil are 7.90 ± 0.27 . The differences between the two averages, their Standard Deviations and Co-efficients of variation, are 1.10 mm. and 1.67 and 4.53 respectively.

Upper Facial Length.—The average upper facial lengths of the Maithil and the Kanaujia Brahmins are 64.04 ± 0.32 and 63.65 ± 0.23 respectively (*vide* Tables 75, 76). The Standard Deviations are 6.46 ± 0.22 for the Maithil and 4.30 ± 0.16 for the Kanaujia; the Co-efficients of variation are 10.08 ± 0.36 for the Maithil and 6.75 ± 0.26 for the Kanaujia. The differences between the two means, their Standard Deviations and Co-efficients of variation, are 0.39 mm. and 2.16 and 3.33 respectively.

Total Facial Length.—The average total facial lengths of the Maithil and the Kanaujia male Brahmins of Behar as shown in tables 75, 76 are 113.94 ± 0.30 mm. and 113.91 ± 0.35 mm. respectively. The Standard Deviations are 6.15 ± 0.21 for the Maithil and 6.48 ± 0.24 for the Kanaujia; the Co-efficients of variation are 5.39 ± 0.18 and 5.68 ± 0.21 respectively. The differences between the two averages, their Standard Deviations and Co-efficients of variation, are 0.03 mm. and 0.33 and 0.29 respectively.

Horizontal Circumference of the Head.—The average horizontal circumferences of the head of the Maithil and the Kanaujia male Brahmins of Behar are 546.98 ± 0.94 mm. and 542.88 ± 0.96 mm. respectively (*vide* Tables 75, 76). The Standard Deviations are 19.24 ± 0.67 for the Maithil and 17.94 ± 0.68 for the Kanaujia; the Co-efficients of variation being 3.51 ± 0.12 and 3.30 ± 0.12 respectively. The differences of the two averages, their Standard Deviations and Co-efficients of variation, are 4.10 mm. and 1.30 and 0.21 respectively.

Transverse Arc.—The average transverse arcs of the Maithil and the Kanaujia male Brahmins of Behar as shown in Tables 75, 76 are 322.96 ± 0.77 and 332.18 ± 0.92 mm. respectively. The Standard Deviations are 15.73 ± 0.54 for the Maithil and 17.32 ± 0.65 for the Kanaujia; the Co-efficients of variation are 4.87 ± 0.16 and 5.21 ± 0.20 respectively. The differences between the two averages, their Standard Deviations and the Co-efficients of variation, are 9.22 mm. and 1.57 and 0.34 respectively.

Sagittal Arc.—The average sagittal arc of the Maithil male Brahmin is 348.31 ± 0.82 mm., that of the Kanaujia being 345.51 ± 0.86 mm. (*vide* Tables 75, 76). The Standard Deviations are 16.85 ± 0.58 for the Maithils and 16.22 ± 0.61 for the Kanaujias; the Co-efficients of variation

are 4.83 ± 0.16 and 4.69 ± 0.18 respectively. The differences between the two averages, their Standard Deviations and the Co-efficients of variation are 2.80 mm. and 0.63 and 0.14 respectively.

INDICES.

Length-Breadth Index of the Head.—The average length-breadth indices of the head of the Maithil and the Kanaujia male Brahmins of Behar as shown in Tables 77, 78 are 75.90 ± 0.20 and 76.10 ± 0.21 respectively. The Standard Deviations are 4.04 ± 0.14 for the Maithil and 4.02 ± 0.15 for the Kanaujia; the Co-efficients of variation for both the groups being 5.32 ± 0.18 and 5.28 ± 0.20 respectively. The differences between the two averages, their Standard Deviations and Co-efficients of variation, are 0.20, 0.02 and 0.04 respectively. The percentages and frequencies of the different types of heads are as follows:—

TABLE 2.

Description.	MAITHIL (190).		KANAUJIA (160).	
	Frequency.	Percentage.	Frequency.	Percentage.
Dolichocephalic . . .	102	53.60	82	51.25
Mesocephalic . . .	71	37.36	60	37.50
Brachycephalic . . .	10	5.26	16	10.00
Hyperbrachycephalic . .	7	3.69	2	1.25

As is clear from the data tabulated above, the percentage of Dolichocephalic people is 53.69 in the case of the Maithils (*vide* Pls. XXIII, figures 4 & 4a; 6 & 6a; and XXIV, figures 1 & 1a), and 51.25 amongst the Kanaujias (*vide* Pls. XXIII, figures 1 & 1a; 3 & 3a and XXIV, figures 3 & 3a; 6 & 6a), the percentages of the Mesocephalic people is not negligible in either of the groups, it being 37.36 (*vide* Pls. XXIV, figures 5 & 5a; 9 & 9a) and 37.50 (*vide* Pl. XXIV, figures 8 & 8a), respectively. 8.95 of the Maithils (*vide* Pls. XXIII, figures 5 & 5a; 8 & 8a; 9 & 9a and XXIV, figures 2 & 2a; 4 & 4a; 7 & 7a) and 11.25 per cent. of the Kanaujias (*vide* Pl. XXIII, figures 2 & 2a; 7 & 7a), are Brachycephalic.¹

Length-Height Index of the Head.—The average length-height indices of the Maithil and the Kanaujia Brahmins, as shown in Tables 77, 78, are 68.99 ± 0.28 and 68.01 ± 0.39 respectively. The Standard Deviations are 5.74 ± 0.20 for the Maithil and 7.20 ± 0.27 for the Kanaujia; the Co-efficients of variation for both the groups are 8.32 ± 0.29 and 10.58 ± 0.40 respectively. The differences between the two averages, their Standard Deviations and Co-efficients of variation, are 0.98, 1.46 and

¹ The percentage of Hyperbrachy is included in the percentage of Brachy.

2.26 respectively. The percentages and the frequencies of different groups of cephalic-height are as follows :—

TABLE 3.

Description.	MAITHIL (190).		KANAUJIA (160).	
	Frequency.	Percentage.	Frequency.	Percentage.
Orthocephalic . . .	17	8.95	20	12.50
Chamaecephalic . . .	4	2.10	10	6.25
Hypsocephalic . . .	169	88.95	130	81.25

As shown in the above Table the percentages of Hypsicephaly are the highest in both the groups, *viz.*, 88.95 among the Maithils and 81.25 among the Kanaujias. 8.95 and 12.50 percentages of the Maithils and the Kanaujias of my subjects, respectively, are Orthocephalic. The percentages of Chamaecephalic people are negligible in both the groups.

Breadth-Height Index of the Head.—The average breadth-height indices of the head of the Maithil and the Kanaujia male Brahmins of Behar as shown in Tables 77, 78 are 90.95 ± 0.36 and 89.30 ± 0.49 respectively. The Standard Deviations are 7.26 ± 0.25 for the Maithils and 9.13 ± 0.35 for the Kanaujias; the Co-efficients of variation are 7.98 ± 0.28 and 10.22 ± 0.39 respectively. The differences between the two averages, their Standard Deviations and Co-efficients of variation, are 1.65, 1.87 and 2.24 respectively, the last one being slightly appreciable. The frequencies and percentages of different grades of breadth-height index are tabulated as follows :—

TABLE 4.

Description.	MAITHIL (190).		KANAUJIA (160).	
	Frequency.	Percentage.	Frequency.	Percentage.
Tapeinocephal . . .	10	5.26	18	11.25
Metriocephal . . .	29	15.26	36	22.50
Acrocephal . . .	151	79.48	106	66.25

As shown in the Table given above the percentages of Acrocephal in both the groups are the highest, *viz.*, 79.48 among the Maithils and 66.25 among the Kanaujias. 15.26 and 22.50 percentages respectively of the Maithils and the Kanaujias amongst the subjects investigated by me are Metriocephal while the percentages of Tapeinocephal were comparatively low.

Transverse Fronto-Parietal Index.—The average transverse fronto-parietal indices of the Maithil and the Kanaujia male Brahmins are 75.35 ± 0.20 and 74.73 ± 0.26 respectively (*vide* Tables 77, 78). The Standard

Deviations are 4.01 ± 0.14 in the case of the Maithils and 4.51 ± 0.17 in that of the Kanaujias; the Co-efficients of variation being 5.82 ± 0.18 and 6.03 ± 0.23 respectively. The differences between the averages, their Standard Deviations and Co-efficients of variation, are 0.62, 0.17 and 0.71 respectively.

Orbito-Nasal Index.—The average orbito-nasal indices of the Maithil and the Kanaujia male Brahmins of Behar are 117.63 ± 0.31 and 117.90 ± 0.33 respectively. The Standard Deviations are 6.26 ± 0.22 for the Maithils and 6.12 ± 0.23 for the Kanaujias; the Co-efficients of variation are 5.32 ± 0.18 and 5.19 ± 0.20 respectively. The differences between the averages, their Standard Deviations and Co-efficients of variation, are 0.27, 0.14 and 0.13 respectively, which are altogether negligible. The frequencies and the percentages of the different groups of orbito-nasal indices are tabulated below :—

TABLE 5.

Description.	MAITHIL (190).		KANAUJIA (160).	
	Frequency.	Percentage.	Frequency.	Percentage.
Platyopic	19	10.00	17	10.63
Mesopic	24	12.63	20	12.50
Prosopic	147	77.37	123	76.87

As is clear from the above Table, the largest percentages in both the groups as represented in my subjects are Prosopic, viz., 77.37% of the Maithils and 76.87% of the Kanaujias. The percentages of the Mesopic are nearly the same in both the groups, viz., 12.63% of the Maithils and 12.50% of the Kanaujias. The Platyopic group is also present in almost equal percentages among them, being 10.00 and 10.63 respectively.

Nasal Index.—The average nasal indices of the Maithil and the Kanaujia male Brahmins, as shown in Tables 77, 78, are 68.94 ± 0.40 and 67.56 ± 0.37 respectively. The Standard Deviations are 8.11 ± 0.28 for the Maithils and 6.87 ± 0.26 for the Kanaujias; the Co-efficients of variation being 11.76 ± 0.42 and 10.16 ± 0.39 respectively. The differences between the two averages, their Standard Deviations and Co-efficients of variation are 1.38, 1.24 and 1.60 respectively. The frequencies and the percentages of the various character of nose are tabulated in Table 6.

TABLE 6.

Description.	Maithil (190).		Kanaujia (160).	
	Frequency.	Percentage.	Frequency.	Percentage.
Hyperleptorrhine	3	1.57	1	0.62
Leptorrhine	107	56.33	100	62.50
Mesorrhine	73	38.42	55	34.37
Chamaorrhine or Platyrrhine .	7	3.68	4	2.50

As is clear from the above Table, the highest percentage among the Maithils and the Kanaujas is Leptorrhine, *viz.*, 57.90 (*vide* Pls. XXIII, figures 4 & 4a; 5 & 5a; 8 & 8a; 9 & 9a and XXIV, figures 1 & 1a; 4 & 4a; 5 & 5a) and 63.12 (*vide* Pls. XXIII, figures 1 & 1a; 2 & 2a; 3 & 3a and XXIV, figures 6 & 6a; 8 & 8a), per cent respectively. The next important element is Mesorrhine, which is 38.42 for the Maithil (*vide* Pl. XXIV, figures 2 & 2a; 7 & 7a; 9 & 9a) and 34.37 for the Kanaujia (*vide* Pl. XXIII, figures 7 & 7a). The high percentage of Mesorrhine in both the groups—specially in the Maithil where it is clearly much more marked—may probably be due to partial hybridization with a platyrrhine strain in the population, the presence of which is indicated in my subjects, *viz.*, 3.68 per cent for the Maithils and 2.50 per cent for the Kanaujas. This is also borne out by other physical observations on the nose as shown in Tables 25, 26, 48 and 49. That the Maithils have some platyrrhinic strain is further indicated by the comparison of the Co-efficients of variation of the Nasal breadth, which are very high.

Nasal Elevation Index.—The average nasal elevation indices of the Maithil and the Kanaujia male Brahmins of Behar as shown in Tables 77, 78 are 59.57 ± 0.42 and 60.42 ± 0.49 respectively. The Standard Deviations are 8.58 ± 0.30 for the Maithils and 9.13 ± 0.34 for the Kanaujas; the Co-efficients of variation are 14.40 ± 0.51 and 15.11 ± 0.58 respectively. The differences between the two averages, their Standard Deviations and the Co-efficients of variation are 0.85, 0.55 and 0.71 respectively.

Upper Facial Index.—The average upper facial indices of the Maithil and the Kanaujia male Brahmins of Behar as shown in Tables 77, 78 are 48.25 ± 0.23 and 48.49 ± 0.19 respectively. The Standard Deviations are 4.61 ± 0.16 for the Maithils and 2.62 ± 0.14 for the Kanaujas; the Co-efficients of variation being 9.55 ± 0.34 and 7.46 ± 0.28 respectively. The differences between the two averages, their Standard Deviations and Co-efficients of variations are 0.24, 0.99 and 2.09 respectively. The frequencies and the percentages of the different grades of upper facial indices are tabulated as follows:—

TABLE 7.

Description.	Maithil (190).		Kanaujia (160).	
	Frequency.	Percentage.	Frequency.	Percentage.
Hypereuryene	15	7.89	11	6.87
Euryene	81	42.63	62	38.75
Mesene	67	35.27	70	43.75
Leptene	17	8.95	15	9.37
Hyperleptene	10	5.26	2	1.25

The above Table shows that the highest percentages, *viz.*, 50.52 per cent of the Maithils and 45.62 per cent of the Kanaujas are Euryene.¹

¹ The percentages of Hypereuryene and Euryene are considered together and so are Hyperleptene and Leptene.

The next prominent element is the Mesene, which is present in 35.27 percentage among the Maithils and 43.75 percentage among the Kanaujias. It is to be noted that the quantitative difference between the Euryene and the Mesene among the Kanaujias is rather low. The Leptene element is present in 14.21 per cent among the Maithil and 10.62 per cent among the Kanaujias measured by me.

Total Facial Index.—The average total facial indices of the Maithil and the Kanaujia male Brahmins, as shown in Tables 77, 78, are 85.98 ± 0.24 and 86.74 ± 0.28 respectively. The Standard Deviations are 4.91 ± 0.17 for the Maithils and 5.34 ± 0.20 for the Kanaujias; the Co-efficients of variation are 5.71 ± 0.91 and 6.15 ± 0.23 respectively. The differences between the two averages, their Standard Deviations and Co-efficients of variation are 0.76, 0.43 and 0.44 respectively. The frequencies and the percentages of the different grades of the total facial indices are tabulated below :—

TABLE 8.

Description.	Maithil (190).		Kanaujia (160).	
	Frequency.	Percentage.	Frequency.	Percentage.
Hypereury-prosopic . . .	12	6.31	8	5.00
Euryprosopic	52	27.37	40	28.75
Mesoprosopic	61	32.10	44	27.50
Leptoprosopic	49	25.79	43	26.88
Hyperleptoprosopic . . .	16	8.43	19	11.87

The percentages of the Leptoprosopy are the highest among both the groups, being 34.22 among the Maithils and 38.75 among the Kanaujias. The percentages of Euryprosopy ¹ are 33.68 among the Maithils and 33.75 among the Kanaujias. The percentage of Mesoprosopy among the Maithils is 32.10, which does not fall far short of that for euryprosopy within the same group. In the case of the Kanaujias, however, it is only present in 27.50 per cent, the quantitative difference between mesoprosopy and euryprosopy within the same group being rather appreciable. It is also to be noted that euryprosopy, mesoprosopy, and leptoprosopy are distributed in almost the same proportions among the Maithils, but it is otherwise with the Kanaujias among whom the most prominent strain is leptoprosopy (38.75 per cent), the lowest proportion being Mesoprosopic (27.50 per cent).

Transverse Cephalo-Facial Index.—The average transverse cephalo-facial indices for the Maithil and the Kanaujia male Brahmins, as shown in Tables 77, 78, are 92.00 ± 0.18 and 91.85 ± 0.19 respectively. The Standard Deviations are 3.62 ± 0.13 for the Maithils and 3.59 ± 0.14 for the Kanaujias; the Co-efficients of variation being 3.93 ± 0.13 and 3.90 ± 0.15 respectively. The differences between the two averages, their Standard Deviations and Co-efficients of variations are 0.15, 0.03 and 0.03 respectively which are totally negligible.

¹ The percentages of Hypereury-prosopic and Euryprosopic are taken together and the percentages of Hyperleptoprosopic and Leptoprosopic have been combined.

Vertical Cephalo-Facial Index.—The average vertical cephalo-facial indices of the Maithil and the Kanaujia male Brahmins of Behar, as shown in Tables 77, 78, are 87.39 ± 0.38 and 89.89 ± 0.57 respectively. The Standard Deviations are 7.86 ± 0.27 for the Maithils and 10.63 ± 0.40 for the Kanaujias ; the Co-efficients of variation being 8.99 ± 0.32 and 11.82 ± 0.45 respectively. The differences between the two averages, their Standard Deviations and Co-efficients of variation are 2.50, 2.77 and 2.83 respectively.

Zygomatico-Frontal Index.—The average zygomatico-frontal indices of the Maithil and the Kanaujia male Brahmins, as shown in Tables 77, 78, are 80.78 ± 0.17 and 80.18 ± 0.17 respectively. The Standard Deviations, in both the groups, are 3.51 ± 0.12 for the Maithils and 3.26 ± 0.12 for the Kanaujias ; the Co-efficients of variation are 4.35 ± 0.15 and 4.06 ± 0.15 respectively. The differences between the two averages, their Standard Deviations and the Co-efficients of variation are 0.70, 0.25 and 0.29 respectively.

Zygomatico-Mandibular Index.—The average zygomatico-mandibular indices of the Maithil and the Kanaujia male Brahmins, as shown in Tables 77, 78, are 75.11 ± 0.20 and 75.42 ± 0.26 respectively. The Standard Deviations are 4.12 ± 0.14 for the Maithils and 4.79 ± 0.18 for the Kanaujias ; the Co-efficients of variation are 5.48 ± 0.18 and 6.35 ± 0.24 respectively. The differences between the two averages, their Standard Deviations and the Co-efficients of variation are 0.31, 0.67 and 0.87 respectively.

ANALYSIS OF THE PHYSICAL OBSERVATIONS.

1. THE KANAUJIAS.

SKIN COLOUR.

Forehead.

Observations on the skin colour were made according to the colour scheme of von Luschan, and were taken both on the exposed and the unexposed portions of the body such as forehead, chest, and the ventral side of the upper arm.

The following tables give a summary of the above observations.

TABLE 9.

Subjects 160.

Skin Colour of Forehead.

Colour No.	Frequency.	Percentage
14	2	1.25
15	9	5.62
16	1	0.62
17	12	7.50
18	39	24.37
19	2	1.25
20 . . . . .	..	..
21	2	1.25
22	43	26.88
23	30	22.50
24	11	6.87
25	3	1.87

From the figures given above it appears that the range of variation of the skin colour of forehead is from No. 14 to 25, i.e., light brown to chocolate brown. The percentage of light brown is 1.25 and that of brown 6.24. The greatest frequency however occurs in dark reddish brown No. 22-23 with a percentage of 49.38, next comes Nos. 17-18 which is dark brown, with a percentage of 31.87, while the percentage of chocolate brown is 8.74.

In other words so far as the forehead is concerned the average skin colour varies between Nos. 17-18 and 22-23 or between dark brown and dark reddish brown; and in only a few individuals the forehead is of a light brown or chocolate brown colour.

Upper Arm.

TABLE 10.

Subject 160.

Skin Colour of the ventral side of the Upper Arm.

Colour No.	Frequency.	Percentage.
13	2	1.25
14 . . . . .	..	..
15	9	5.62
16	2	1.25
17	21	13.12
18	33	20.63
19	1	0.62
20 . . . . .	..	..
21	5	3.12
22	43	26.88
23	38	23.75
24	2	1.25
25	4	2.50

On the ventral side of the upper arm the colour varies from very light brown No. 13, to chocolate brown No. 25. The percentage of very light brown is 1.25 whereas the percentage of the brown is 6.87; the percentage of the dark brown Nos. 17-18 being 33.75; the greatest frequency however occurs in the dark reddish brown Nos. 22-23 with 50.63 percentage, whereas the percentage of chocolate brown goes as low as 3.75.

Chest.

TABLE 11.

Subjects 160.

Skin Colour of the Chest.

Colour No.	Frequency.	Percentage.
13	2	1.25
14	2	1.25
15	2	1.25
16	11	6.87
17	2	1.25
18	18	11.25
19	33	20.63
20 . . . . .	..	..
21 . . . . .	..	..
22	4	2.50
23	39	24.37
24	44	27.50
25	3	1.87
26 . . . . .	..	..

The skin colour of the chest also varies considerably from very light brown, No. 12, to chocolate brown, No. 24. The percentage of very light brown is 1.25 whereas the percentage of brown (Nos. 15-16) is 8.12. The percentage of the dark reddish brown (Nos. 22-23) is the highest being 51.87; next comes the dark shade of brown Nos. 17-18 having a percentage of 31.38, while the percentage of chocolate brown is 1.87. Taking the skin colour of both the exposed and the unexposed portions of the body it appears that the mean range of variation is between Nos. 17-18 and 22-23, i.e., between dark brown and dark reddish brown.

It should be observed in this connection that as a large number of people do not cover the upper parts of their bodies, little difference of skin colour between the exposed and the unexposed portion of the body was noticed during my investigation.

The exposed parts of the lips are always reddish brown but a certain number of people have rather the darker shades of reddish brown. The lightest parts of the body are the palms of the hand and the soles of the feet.

HAIR OF THE HEAD.

Colour.—The colour of the hair was found to be dark brown as a rule, but in a few cases a slight reddish tinge was noticed, the reddish tinge may not improbably be due to exposure to sun. The percentage of dark brown is 75.62, of reddish tinge is 1.25 and of grey and greyish black 3.13 and 20.00 respectively (*vide* Table 12).

TABLE 12.

Subjects 160.

Colour	Frequency.	Percentage.
Dark Brown	119	74.37
Reddish Tinge	2	1.25
Grey	5	3.13
Grey and Black	32	20.00
Shaved	2	1.25

Character.—The character of the hair of the Kanaujia Brahmin is in general cymotrichy—the percentages of slightly wavy and pronounced wavy being 15.63 and 9.38 respectively (Table 13). The percentage of curly is 0.61 and that of straight hair 73.13, which means, that in the majority of cases the tendency of hair is towards the straight.

TABLE 13.

Subjects 160.

Character.	Frequency.	Percentage.
Straight	117	73.13
Curly	1	0.61
Wavy	15	9.38
Slightly wavy	25	15.63
Shaved	2	1.25

112036

The quantity of Hair on the Head.

The number of heads with moderate quantity of hair is the highest, the percentage being 71·87 (Table 14), whereas the percentage of head with large quantity of hair, is 26·88.

Complete baldness has not been observed but in 2·50 percentage of the people, partial loss of hair on the top and frontal parts of the head was noticed.

It was also observed that in most of the cases the Kanaujia Brahmins still keep to the old custom of wearing a small or long tuft of hair, i.e., "Sikha" on the head.

The texture of the hair is as a rule fine but in a few cases it was found to be coarse, most probably due to constant shaving of the heads.

TABLE 14.

Subjects 160.

Quantity.	Frequency.	Percentage.
Moderately present	115	71·87
Large Quantity	43	26·88
Shaved	2	1·25

BEARD AND MOUSTACHE.

Beard and moustache were noticed in almost all cases but in some only a very scanty beard was found. People having a moderate amount of beard and moustache had the largest percentage being 73·75 (Table 15) and that having an abundant growth was 23·75 percentage of the whole.

TABLE 15.

Subjects 160.

	Frequency.	Percentage.
Moderately present	118	73·75
Abundantly present	38	23·75
Clean Shaved	4	2·50

The Colour of Hair of Beard and Moustache.

The colour of hair of beard and moustache is dark brown in the majority of cases but in some cases the colour appears to be black. The percentage of dark brown is 38·13 (Table 16) whereas the percentage of black is 34·38 and the percentages of grey and grey black are 5·63 and 19·37 respectively.

TABLE 16.

Subjects 160.

Colour.	Frequency.	Percentage.
Dark Brown	61	38·13
Black	55	34·38
Grey	9	5·63
Grey black	31	19·37
Clean Shaved	4	2·50

BODY HAIR.

The development of hair on the body varies considerably from complete absence of hair to an abundant growth on the chest, arms and legs. The percentage of moderately present hair is the highest, the percentage being 61·90 (Table 17) whereas the percentage of large quantity present is 20·00 but the percentage of hair absent on the chest is 18·10.

TABLE 17.

Subjects 160.

Quantity.	Frequency.	Percentage.
Moderately present	99	61·90
Large Quantity	32	20·00
Hair absent	29	18·10

The Colour of the Body Hair.

The colour of the body hair is dark brown as a rule but in some cases the colour appears to be black; the percentage of dark brown being 63·13 (Table 18) whereas the percentage of black is 2·50 and the percentage of grey black and grey is 11·25 and 5·00 respectively.

TABLE 18.

Subjects 160.

Colour.	Frequency.	Percentage.
Dark Brown	101	63·13
Black	4	2·50
Grey and Black	18	11·25
Grey	8	5·00
Hair absent	29	18·12

Taking all the observations given in the foregoing tables it appears, that the highest number of people possesses the moderate quantity of dark brown straight hair on the head. As regards body hair, beard and moustache, the quantity of moderately present and the dark brown colour of hair are the highest among the Kanaujia Brahmins of Behar.

EYE.

Colour.

Observations on the eye colour were noted by comparison with the eye chart of Rudolf Martin and the following table gives a summary of the observations.

TABLE 19.

Subjects 160.

Colour No.	Frequency.	Percentage
1	17	10.63
(1-2)	2	1.25
2	45	28.13
(2-3)	1	0.62
3	74	46.26
(3-4)	4	2.50
4	13	8.12
5	2	1.25
6	1	0.62
7 . . . . .	..	..
8	1	0.62

From the figures given above it will be seen that the range of variation of the colour of the eyes is between black No. 1 to grey No. 8. The percentage of black (No. 1) is 10.63 that of deep brown (Nos. 2-3) the highest, the percentage being 75.01 whereas the percentage of light brown (No. 4) is 8.12. The percentage of greenish brown (No. 5) is 1.25 and that of the hazel (No. 6) and grey (No. 8) eyes are 0.62 each respectively.

The form of the eye.

In the majority of cases the form of the eyes is round but a certain percentage of people possesses slightly oblique eyes (Table 20). In other words in the majority of cases the outer canthi and the inner canthi are generally on the same plane but in a few the outer canthus is little higher than the inner, thus forming a slight oblique fissure, giving a more or less Mongoloid appearance to those individuals but the epicanthic fold was not observed in any of the persons measured by me. The percentage of round eyes is 84.38 whereas the percentages of slightly oblique and oblique eyes are 13.75 and 1.87 respectively.

TABLE 20.

Subjects 160.

	Frequency.	Percentage.
Round eyes	135	84.38
Slightly Oblique eyes	22	13.75
Oblique eyes	3	1.87

FOREHEAD.

Height of forehead.

The percentage of medium height of forehead is the highest (Table 21), the percentage being 80.62 whereas the percentages of high and well-arched forehead, are 6.88 and 8.12 respectively but 4.38 percentage of people possesses narrow forehead. Frontal eminences were found in a large number of people.

TABLE 21.

Subjects 160.

	Frequency.	Percentage.
Medium Height	129	80.62
High	11	6.88
Well-arched	13	8.12
Narrow	7	4.38

Breadth of forehead.

The percentage of medium breadth (Table 22) of forehead is the highest, the percentage being 58.12, whereas the percentages of low and broad forehead are 15.00 and 26.88 respectively.

TABLE 22.

Subjects 160.

	Frequency.	Percentage.
Medium forehead	93	58.12
Broad	43	26.88
Low	24	15.00

Slope of forehead.

In the slope of forehead (Table 23), the percentage of slightly marked slope is the highest, the percentage being 33.12 whereas the percentages of slope present and markedly present are 11.26 and 6.88 respectively; but the percentages of slope absent and the vertical forehead are 18.12 and 30.62 respectively.

From the above it is noticed that though the percentage of slightly marked slope is the highest still the percentage of vertical forehead is not negligible.

TABLE 23.

Subjects 160.

	Frequency.	Percentage.
Slope slightly present	53	33.12
Vertical	49	30.62
Slope absent	29	18.12
Slope present	18	11.26
Slope markedly present	11	6.88

Supra-Orbital ridges.

The percentage of slightly marked supra-orbital ridges present is the highest (Table 24), the percentage being 66.88, whereas the percentages of markedly present and present are 12.50 and 20.62 respectively.

TABLE 24.

Subjects 160.

	Frequency.	Percentage.
Ridges slightly present	107	66.88
Ridges markedly present	20	12.50
Ridges present	33	20.62

PROGNATHISM.

No trace of prognathism of the face in any form was observed among the persons measured by me.

NOSE.

In the majority of cases the profile of the nose is straight (Table 25), the percentage being 79.38, whereas the percentage of slightly convex is 7.50 and that of hooked nose is 12.50.

TABLE 25.

Subjects 160.

	Frequency.	Percentage.
Straight	127	79.38
Hooked	20	12.50
Slightly convex	12	7.50
Broad	1	0.62

Nasion Depression.—The nasion depression is absent in the majority of cases (Table 26), the percentage being 71.88, whereas the percentages of depression slightly present and present are 13.75 and 13.75 respectively, but the percentage of depression markedly present is 0.62.

TABLE 26.

Subjects 160.

	Frequency.	Percentage.
Depression slightly present	22	13.75
Depression markedly present	1	0.62
Depression absent	125	71.88
Depression present	22	13.75

Nasal septum.—The nasal septum, in the majority of cases, is horizontal (Table 27), the percentage being 78.13, whereas the percentages of the septum slightly turned down and turned up are 11.25 and 10.62 respectively.

TABLE 27.

Subjects 160.

	Frequency.	Percentage.
Horizontal	125	78.13
Slightly turned down	18	11.25
Slightly turned up	17	10.62

From the above tables, it is to be noted, that the highest percentage of people possesses the straight nose ; the convex type of nose being rather exceptional.

LIPS.

The highest percentage of people possesses medium lips (Table 28), the percentage being 78.12 whereas the percentages of thin and thick lips are 10.00 and 11.88 respectively.

TABLE 28.

Subjects 160.

	Frequency.	Percentage.
Thin	16	10.00
Medium	125	78.12
Thick	19	11.88

CHIN.

In the majority of cases the chin was observed to be pointed (Table 29), the percentage being 40.62, whereas the percentages of receding and medium are 15.62 and 18.76 respectively. The percentages of prominent and broad chin are 16.88 and 8.12 respectively.

TABLE 29.

Subjects 160.

	Frequency.	Percentage
Pointed chin	65	40.62
Prominent chin	27	16.88
Medium Chin	30	18.76
Broad Chin	13	8.12
Receding chin	25	15.62

EARS.

Darwin's point was found in the majority of cases (Table 30)—the percentage being 58.75 ; Drawin's Point was absent in the case of 41.25 per cent.

The percentage of poorly developed lobules is 14.37, while the percentages of extended lobules and spread out ears are 5.00 and 5.00 respectively.

TABLE 30.

Subjects 160.

	Frequency.	Percentage.
Darwin's point present	94	58.75
Darwin's point absent	66	41.25
Extended lobules	8	5.00
Lobules not well developed	23	14.37
Spread out ears	8	5.00
Deformed ears	1	0.62

FACE.

The face is usually oval or long or approaching the oval in shape, the jaw is often lightly built, which with the presence of a rather pointed chin, tends to give a disproportionately broad appearance of the face. The highest percentage of face is oval (Table 31), the percentage being 46·25, whereas the percentage of long face is 28·12 while the percentages of broad and square face are 14·38 and 11·25 respectively.

TABLE 31.

Subjects 160.

	Frequency.	Percentage.
Long	45	28·12
Oval	74	46·25
Square	18	11·25
Broad	23	14·38

TEETH.

In the majority of cases, the setting and the condition of the teeth, are good but about 5 per cent of the teeth are bad.

THE MAITHILS.

The same colour chart as was used for the Kanaujias was employed and the same procedure followed in taking the colour of the skin of the Maithils.

SKIN COLOUR.*Forehead.***TABLE 32.**

Subjects 190.

Skin colour of forehead.

Colour No.	Frequency.	Percentage.
14	4	2·10
15	5	2·63
16	1	0·52
17	7	3·68
18	22	11·57
19 . . . . .	..	..
20	3	1·57
21	7	3·68
22	64	33·68
23	64	33·68
24	2	1·05
25	10	5·26
26 . . . . .	..	..
27	1	0·52

From the figures given above it appears that the range of variation of the skin colour of forehead is from No. 14 to No. 27 i.e., light brown to dark chocolate brown. The percentage of light brown is 2·10 and that of brown 3·15. The greatest frequency, however, occurs in dark

reddish brown Nos. 22-23 with 67·36 per cent ; next comes Nos. 17-18 which is dark brown, with a percentage of 15·25, while the percentages of chocolate brown and dark chocolate brown are 6·32 and 0·52 respectively.

In other words so far as the forehead is concerned the skin colour varies between Nos. 17-18 and 22-23 or between dark brown and dark reddish brown, only a few individuals possess either a light brown or chocolate brown.

Upper Arm.

TABLE 33.

Subjects 190.

Skin Colour of the ventral side of the Upper Arm.

Colour No.	Frequency.	Percentage.
13 . . . . .	..	..
14	5	2·63
15	6	3·15
16	2	1·05
17	7	3·68
18	10	10·00
19 . . . . .	..	..
20	3	1·57
21	7	3·68
22	71	37·36
23	61	32·15
24	1	0·52
25	8	4·21

On the ventral side of the upper arm the colour varies from light brown No. 14 to chocolate brown No. 25. The percentage of light brown is 2·63, whereas the percentage of brown is 3·15 ; the percentage of the dark brown Nos. 17-18 is 13·68 ; the greatest frequency however occurs in the dark reddish brown Nos. 22-23 with 69·51 per cent, whereas the percentage of chocolate brown goes as low as 4·73.

Chest.

TABLE 34.

Subjects 190.

Skin Colour of the Chest.

Colour No.	Frequency.	Percentage.
12 . . . . .	..	..
13 . . . . .	..	..
14	4	2·10
15	6	3·15
16	3	1·57
17	6	3·15
18	19	10·00
19 . . . . .	..	..
20	3	1·57
21	5	2·63
22	74	38·94
23	60	31·57
24	1	0·52
25	10	5·26

The Colour of Hair of Beard and Moustache.

The colour of hair of beard and moustache is dark brown in the majority of cases but in some cases the colour appears to be black. The percentage (Table 39) of dark brown is 52·64 whereas the percentage of black is 12·63 and the percentages of grey and grey black are 7·89 and 24·74 respectively.

TABLE 39.

Subjects 190.

Colour.	Frequency.	Percentage.
Dark brown	100	52·64
Black	24	12·63
Grey	15	7·89
Grey and black	47	24·74
Clean Shaved	4	2·10

BODY HAIR.

The development of hair on the body varies considerably from complete absence of hair to an abundant growth on the chest, arms, and legs. The percentage (Table 40) of moderately present hair is the highest—the percentage being 54·73 whereas the percentage of large quantity present is 20·00 but the percentage of hair absent on the chest is 25·26.

TABLE 40.

Subjects 190.

	Frequency.	Percentage.
Moderately present	104	54·73
Large quantity	38	20·00
Hair absent	48	25·26

The Colour of the Body Hair.

The colour of the body hair is dark brown as a rule but in some cases the colour appears to be black; the percentage (Table 41) of dark brown being 48·43, whereas the percentage of black is 2·10, and the percentages of grey black and grey are 16·85 and 7·36 respectively.

TABLE 41.

Subjects 190.

Colour.	Frequency.	Percentage.
Dark brown	92	48·43
Black	4	2·10
Grey and black	32	16·85
Grey	14	7·36
Hair absent	48	25·26

From analysis of the observation given in the foregoing tables it follows that the highest number of people possesses the dark brown straight hair in moderate quantity on the head. As regards body hair and beard and moustache, the dark brown hair of moderate quantity, are the highest among the Maithil Brahmins.

Eye.

Eye Colour.

The same technique was adopted in noting down the eye colour of the Maithil Brahmins as was in the case of the Kanaujia Brahmins mentioned.

TABLE 42.

Subjects 190.

Colour No.	Frequency.	Percentage.
1	31	16.36
(1—2)	3	1.57
2	34	17.89
(2—3) . . . . .	..	..
3	91	47.88
(3—4)	3	1.57
4	26	13.68
5	2	1.05

From the figures given above it will be seen that the range of variation of the colour of the eyes is between black No. 1 to greenish brown No. 5. The percentage of black (No. 1) is 16.36 but the percentage of deep brown is (Nos. 2—3) 65.77, whereas the percentage of light brown No. 4 is 13.68 and that of greenish brown No. 5 is 1.05.

The form of the eye.

In the majority of cases the form of the eyes is round but a certain percentage (Table 43) of people is characterised by more or less pronounced obliquity of eyes. In other words in the majority of cases the outer canthi and the inner canthi are generally on the same plane but in a few, the outer canthus is little higher than the inner, thus forming a slightly oblique fissure, giving a more or less Mongoloid appearance to these individuals, but the epicanthic fold was not observed in any individual of the persons measured by me.

The percentage of round eyes is 79.48 whereas the percentages of slightly oblique and oblique eyes are 19.47 and 1.05 respectively.

TABLE 43.

Subjects 190.

	Frequency.	Percentage.
Round eyes	151	79.47
Slightly oblique eyes	37	19.47
Oblique eyes	2	1.05

The Colour of Hair of Beard and Moustache.

The colour of hair of beard and moustache is dark brown in the majority of cases but in some cases the colour appears to be black. The percentage (Table 39) of dark brown is 52·64 whereas the percentage of black is 12·63 and the percentages of grey and grey black are 7·89 and 24·74 respectively.

TABLE 39.

Subjects 190.

Colour.	Frequency.	Percentage.
Dark brown	100	52·64
Black	24	12·63
Grey	15	7·89
Grey and black	47	24·74
Clean Shaved	4	2·10

BODY HAIR.

The development of hair on the body varies considerably from complete absence of hair to an abundant growth on the chest, arms, and legs. The percentage (Table 40) of moderately present hair is the highest—the percentage being 54·73 whereas the percentage of large quantity present is 20·00 but the percentage of hair absent on the chest is 25·26.

TABLE 40.

Subjects 190.

	Frequency.	Percentage.
Moderately present	104	54·73
Large quantity	38	20·00
Hair absent	48	25·26

The Colour of the Body Hair.

The colour of the body hair is dark brown as a rule but in some cases the colour appears to be black ; the percentage (Table 41) of dark brown being 48·43, whereas the percentage of black is 2·10, and the percentages of grey black and grey are 16·85 and 7·36 respectively.

TABLE 41.

Subjects 190.

Colour.	Frequency.	Percentage.
Dark brown	92	48·43
Black	4	2·10
Grey and black	32	16·85
Grey	14	7·36
Hair absent	48	25·26

From analysis of the observation given in the foregoing tables it follows that the highest number of people possesses the dark brown straight hair in moderate quantity on the head. As regards body hair and beard and moustache, the dark brown hair of moderate quantity, are the highest among the Maithil Brahmins.

Eye.

Eye Colour.

The same technique was adopted in noting down the eye colour of the Maithil Brahmins as was in the case of the Kanaujia Brahmins mentioned.

TABLE 42.

Subjects 190.

Colour No.	Frequency.	Percentage
1	31	16.36
(1—2)	3	1.57
2	34	17.89
(2—3) . . . . .	..	..
3	91	47.88
(3—4)	3	1.57
4	26	13.68
5	2	1.05

From the figures given above it will be seen that the range of variation of the colour of the eyes is between black No. 1 to greenish brown No. 5. The percentage of black (No. 1) is 16.36 but the percentage of deep brown is (Nos. 2—3) 65.77, whereas the percentage of light brown No. 4 is 13.68 and that of greenish brown No. 5 is 1.05.

The form of the eye.

In the majority of cases the form of the eyes is round but a certain percentage (Table 43) of people is characterised by more or less pronounced obliquity of eyes. In other words in the majority of cases the outer canthi and the inner canthi are generally on the same plane but in a few, the outer canthus is little higher than the inner, thus forming a slightly oblique fissure, giving a more or less Mongoloid appearance to these individuals, but the epicanthic fold was not observed in any individual of the persons measured by me.

The percentage of round eyes is 79.48 whereas the percentages of slightly oblique and oblique eyes are 19.47 and 1.05 respectively.

TABLE 43.

Subjects 190.

	Frequency.	Percentage
Round eyes	151	79.47
Slightly oblique eyes	37	19.47
Oblique eyes	2	1.05

FOREHEAD.*Height of forehead.*

The percentage (Table 44) of medium height of forehead is the highest, the percentage being 78·95, whereas the percentages of high and well-arched forehead are 17·37 and 2·10 respectively, but 1·58 per cent. of people possesses narrow forehead. Frontal eminences were noticed in a certain number of people.

TABLE 44.

Subjects 190.

	Frequency.	Percentage.
Medium	150	78·95
High	33	17·37
Well-arched	4	2·10
Narrow	3	1·58

Breadth of forehead.

The percentage (Table 45) of medium breadth of forehead is the highest—the percentage being 67·37 whereas the percentages of low and broad forehead are 3·15 and 29·48 respectively.

TABLE 45.

Subjects 190.

	Frequency.	Percentage.
Medium	128	67·37
Broad	56	29·48
Low	6	3·15

Slope of forehead.

In the slope of forehead the percentage (Table 46) of slightly marked slope present is the highest—the percentage being 40·52, whereas the percentages of slope present and markedly present are 4·21 and 3·69 respectively; but the percentages of slope absent and the vertical forehead are 16·84 and 34·74 respectively. From the above it is noticed that though the percentage of slightly marked slope present is the highest still the percentage of vertical forehead is not negligible.

TABLE 46.

Subjects 190.

	Frequency.	Percentage.
Slope slightly present	77	40·52
Vertical	66	34·74
Slope absent	32	16·84
Slope present	3	4·21
Slope markedly present	7	3·69

Supra-Orbital ridges.

The percentage (Table 46) of slightly marked supra-orbital ridges present is the highest—the percentage being 85·79, whereas the percentages of markedly present and present are 8·43 and 5·78 respectively.

TABLE 47.

Subjects 190.

	Frequency.	Percentage.
Ridges slightly present	163	85·79
Ridges markedly present	16	8·43
Ridges present	11	5·78

Taking all the observations of the forehead given in the foregoing tables into consideration, it appears that the largest number of the Maithil Brahmins possesses medium breadth and height of forehead, whereas the vertical and slightly sloping types of forehead are represented almost in the same proportions. The supra-orbital ridges are likewise slightly marked in the majority of cases.

PROGNATHISM.

. Only slightly marked alveolar prognathism was noticed among two individuals measured by me.

NOSE.

In the majority (Table 48) of cases the profile of the nose is straight the percentage being 70·00, whereas the percentage of slightly convex is 7·37 and that of hooked nose is 18·42.

TABLE 48.

Subjects 190.

	Frequency.	Percentage.
Straight	133	70·00
Hooked	35	18·42
Slightly convex	14	7·37
Slightly concave	5	2·63
Broad	3	1·58

Nasion depression.—The nasion depression is absent in the majority (Table 49) of cases, the percentage being 67·38, whereas the percentages of depression slightly present and present are 22·10 and 8·42 respectively, but the percentage of depression markedly present is 2·10.

TABLE 49.

Subjects 190.

	Frequency.	Percentage.
Depression slightly present	42	22.10
Depression Markedly present	4	2.10
Depression absent	128	67.38
Depression present	16	8.42

Nasal septum.—The nasal septum in the majority (Table 50) of cases is horizontal—the percentage being 70.52, whereas the percentages of the septum slightly turned down and turned up are 18.95 and 10.53 respectively.

TABLE 50.

Subjects 190.

	Frequency.	Percentage.
Horizontal	134	70.52
Slightly turned up	20	10.53
Slightly turned down	36	18.95

From the above tables it is to be noted that the highest percentage of people possesses the straight nose, the convex type of nose being rather exceptional.

LIPS.

The largest percentage (Table 51) of the Maithil Brahmins possesses medium lips—the percentage being 78.96 whereas the percentages of thin and thick lips are 3.68 and 17.36 respectively.

TABLE 51.

Subjects 190.

	Frequency.	Percentage.
Medium	150	78.96
Thick	33	17.36
Thin	7	3.68

CHIN.

In the majority (Table 52) of cases the chin was observed to be pointed—the percentage being 51.58, whereas the percentages of receding and medium are 12.10 and 14.74 respectively, while the percentages of prominent and broad chin are 7.37 and 14.21 respectively.

TABLE 52.

Subjects 190.

	Frequency.	Percentage.
Pointed	98	51.58
Medium	28	14.74
Prominent	14	7.37
Broad	27	14.21
Receding	23	12.10

EARS.

Darwin's point was found in the majority (Table 53) of cases—the percentage being 66.84; Darwin's point was absent in the case of 33.16. The percentage of lobules not well developed is 6.31 while the percentage of extended lobules is 3.69.

TABLE 53.

Subjects 190.

	Frequency.	Percentage.
Darwin's Point present	127	66.84
Darwin's Point absent	63	33.16
Lobules not well developed	12	6.31
Extended Lobules	7	3.69

FACE.

The face is usually oval or long or approaching the oval in shape. The jaw is often light built, which with the presence of a rather pointed chin tends to give a broad appearance of the face. The highest percentage (Table 54) of face is oval—the percentage being 36.32, whereas the percentage of long face is 32.10, while the percentages of broad and square face are 22.64 and 8.94 respectively.

TABLE 54.

Subjects 190.

	Frequency.	Percentage.
Long	61	32.10
Oval	69	36.32
Square	17	8.94
Broad	43	22.64

TEETH.

In the majority of cases the setting and the condition of the teeth are good, but about 6 per cent. of the teeth are bad.

3. OBSERVATIONS, ETC., OF THE KANAUJIAS AND THE MAITHILS COMPARED.

TABLE 55.

Comparison of the Skin-Colour of the Maithil and the Kanaujia male Brahmins of Behar.

	Skin-Colour Number.	MAITHIL 190.		KANAUJIA 160.	
		Frequency.	Percentage.	Frequency.	Percentage.
Forehead . . .	14	4	2.10	2	1.25
Forehead . . .	15	5	2.63	9	5.62
Forehead . . .	16	1	0.52	1	0.62
Forehead . . .	17	7	3.68	12	7.50
Forehead . . .	18	22	11.57	39	24.37
Forehead . . .	19	..	..	2	1.25
Forehead . . .	20	3	1.57	..	..
Forehead . . .	21	7	3.68	2	1.25
Forehead . . .	22	64	33.68	43	26.88
Forehead . . .	23	64	33.68	36	22.50
Forehead . . .	24	2	1.05	11	6.87
Forehead . . .	25	10	5.26	3	1.87
Forehead . . .	26	..	..	..	..
Forehead . . .	27	1	0.52	..	..
Upper-Arm . . .	13	..	..	2	1.25
Upper-Arm . . .	14	5	2.63	..	..
Upper-Arm . . .	15	6	3.15	9	5.62
Upper-Arm . . .	16	2	1.05	2	1.25
Upper-Arm . . .	17	7	3.68	21	13.12
Upper-Arm . . .	18	19	10.00	33	20.63
Upper-Arm . . .	19	..	..	1	0.62
Upper-Arm . . .	20	3	1.57	..	..
Upper-Arm . . .	21	7	3.68	5	3.12
Upper-Arm . . .	22	71	37.36	43	26.88
Upper-Arm . . .	23	61	32.15	38	23.75
Upper-Arm . . .	24	1	0.52	2	1.25
Upper-Arm . . .	25	8	4.21	4	2.50
Chest . . .	12	..	..	2	1.25
Chest . . .	13	..	..	2	1.25
Chest . . .	14	4	2.10	2	1.25
Chest . . .	15	6	3.15	11	6.87
Chest . . .	16	3	1.57	2	1.25
Chest . . .	17	6	3.15	18	11.25
Chest . . .	18	19	10.00	33	20.63
Chest . . .	19	..	..	..	..
Chest . . .	20	3	1.57	..	..
Chest . . .	21	5	2.63	4	2.50
Chest . . .	22	74	38.94	39	24.37
Chest . . .	23	60	31.57	44	27.50
Chest . . .	24	1	0.52	3	1.87
Chest . . .	25	10	5.26	..	..

It appears from the Table above that the range of variation of the skin-colour of both groups of Brahmins extends from light brown (Nos. 12--14) to dark reddish brown (No. 25). The greatest frequency however occurs in the dark reddish brown (Nos. 22--23) in both the groups, though the percentage of dark brown colour (Nos. 17--18) is not negligible.

TABLE 56.

Comparison of Colour, Character and Quantity of Hair on the Head and Body.

	MAITHIL MALE 190.		KANAUJIA MALE 160.	
	Frequency.	Percentage.	Frequency.	Percentage.
<i>Colour.</i>				
Head—Hair—				
Dark Brown . . .	122	64.22	119	74.37
Grey	35	18.42	5	3.15
Grey Black . . .	29	15.26	32	20.00
Reddish Tinge . .	..	..	2	1.25
Shaved	4	2.10	2	1.25
<i>Character.</i>				
Head—Hair—				
Straight	147	77.38	117	73.13
Slightly Wavy . .	26	13.68	25	15.63
Wavy	12	6.32	15	9.38
Curly	1	0.52	1	0.61
Shaved	4	2.10	2	1.25
<i>Quantity.</i>				
Head—Hair—				
Moderately Present .	132	69.47	115	71.87
Large Quantity . .	54	28.43	43	26.88
Shaved	4	2.10	2	1.25
<i>Colour.</i>				
Body—Hair—				
Black	4	2.10	4	2.50
Dark Brown . . .	92	48.43	101	63.13
Grey Black	32	16.85	18	11.25
Grey	14	7.36	8	5.00
Hair Absent . . .	48	25.26	29	18.12
<i>Quantity.</i>				
Body—Hair—				
Moderately Present .	104	54.73	99	61.90
Large Quantity . .	38	20.00	32	20.00
Hair Absent . . .	48	25.26	29	18.12

From the above Table we find that the highest percentage of people of both the groups has a moderate quantity of hair, both on the head and body, of dark brown colour and the character of the hair is cymotrichy with a tendency towards straight.

TABLE 57.

Comparison of Colour and Quantity of Beard and Moustache.

	MAITHIL MALE 190.		KANAUJIA MALE 160.	
	Frequency.	Percentage.	Frequency.	Percentage.
<i>Colour.</i>				
Black	24	12.63	55	34.38
Dark Brown	100	52.64	61	38.12
Grey and Black	47	24.74	31	19.37
Grey	15	7.89	9	5.63
Shaved	4	2.10	4	2.50
<i>Quantity.</i>				
Moderately present	140	73.69	118	73.75
Abundantly present	46	24.21	38	23.75
Shaved	4	2.10	4	2.50

It appears from the Table given above that the highest percentage of people of both the groups has a moderate quantity of beard and moustache of a dark brown colour.

TABLE 58.

Comparison of Character and Colour of Eyes.

	MAITHIL MALE 190.		KANAUJIA MALE 160.	
	Frequency.	Percentage.	Frequency.	Percentage.
<i>Character.</i>				
Round	151	79.48	135	84.38
Oblique	2	1.05	3	1.87
Slightly oblique	37	19.47	22	13.75
<i>Colour.</i>				
Colour No.—				
1	31	16.36	17	10.63
(1-2).	3	1.57	2	1.25
2	34	17.89	45	28.13
(2-3). . . . .	..	..	1	0.62
3	91	47.88	74	46.26
(3-4).	3	1.57	4	2.50
4	26	13.68	13	8.12
5	2	1.05	2	1.25
6 . . . . .	..	..	1	0.62
7 . . . . .	..	..	..	..
8 . . . . .	..	..	1	0.62

It would appear from the Table given above that the largest percentage of both groups of Brahmans has round eyes and only a small percentage of my subjects in both the groups had slightly oblique eyes. The colour of eyes varies from black No. 1 to greenish brown No. 5 in both

groups but a very small percentage of the Kanaujias has hazel eyes No. 6 and grey eyes No. 8. Epicanthic fold was not found in any individual measured by me in any of the two groups.

TABLE 59.

Comparison of Height, Breadth and Slope of Forehead.

	MAITHIL MALE 190.		KANAUJIA MALE 190.	
	Frequency.	Percentage.	Frequency.	Percentage.
Height—				
Medium	150	78.05	129	80.62
High	33	17.37	11	6.88
Well-arched	4	2.10	13	8.12
Narrow	3	1.58	7	4.38
Breadth—				
Low	6	3.15	24	15.00
Broad	56	29.48	43	26.88
Medium	128	67.37	93	58.12
Slope—				
Slightly present	77	40.52	53	33.12
Vertical	66	34.74	49	30.62
Slope absent	32	16.84	20	12.50
Slope present	8	4.21	18	11.26
Slope markedly present	7	3.69	11	6.88

The above Table shows that the highest percentage of forehead of both groups of Brahmins has a medium height, a medium breadth and with a slight slope.

TABLE 60.

Comparison of the Supra-Orbital Ridges.

	MAITHIL MALE 190.		KANAUJIA MALE 190.	
	Frequency.	Percentage.	Frequency.	Percentage.
Slightly present	163	85.79	107	66.88
Markedly present	16	8.43	20	12.50
Present	11	5.78	33	20.62

It is to be noted from the above Table that the percentage of slightly marked supra-orbital ridges is the highest in both groups of Brahmins, the percentage being 85.79 for the Maithils and 66.88 for the Kanaujias.

Prognathism.

The prognathism of the face, in any form, was not observed in both the groups but slightly alveolar prognathism was noticed in the case of two Maithils.

TABLE 61.

Comparison of Nasion Depression, Nasal Bridge and Nasal Septum.

Description.	MAITHIL MALE 190.		KANAUJIA MALE 160.	
	Frequency.	Percentage.	Frequency.	Percentage.
Depression—				
Absent	128	67.38	115	71.88
Slightly present.	42	22.10	22	13.75
Present	16	8.42	22	13.75
Markedly present	4	2.10	1	0.62
Nasal Bridge—				
Straight	133	70.00	127	79.38
Hooked	35	18.42	20	12.50
Slightly convex	14	7.37	12	7.50
Slightly concave	5	2.63	..	..
Broad	3	1.58	1	0.62
Nasal Septum—				
Horizontal	134	70.52	125	78.13
Slightly turned down	36	18.95	18	11.25
Slightly turned up	20	10.53	17	10.62

The above Table shows that in the majority of the cases the profile of the nose in both the groups is straight, but the percentage of hooked nose is not negligible among them. The percentages of straight-bridged noses are 70.00 for the Maithils, and 79.38 for the Kanaujias, and of hooked noses are 18.42 and 12.50 respectively. The nasal septum in majority of the cases is horizontal, the percentage being 70.52 for the Maithils and 78.13 for the Kanaujias.

TABLE 62.

Comparison of the Lips and Chin.

	MAITHIL MALE 190.		KANAUJIA MALE 160.	
	Frequency.	Percentage.	Frequency.	Percentage.
Lips—				
Thin	7	3.68	16	10.00
Thick	33	17.36	11	6.88
Medium	150	78.96	125	78.13
Chin—				
Pointed	98	51.58	65	40.62
Medium	28	14.74	30	18.75
Broad	27	14.21	13	8.12
Receding	23	12.10	25	15.62
Prominent	14	7.37	27	16.88

It is to be noted from the Table given above that the highest percentage of the lips is of medium character, whereas the chin is pointed in both the groups.

TABLE 63.
Comparison of Ears.

	MAITHIL MALE 190.		KANAUJIA MALE 100.	
	Frequency.	Percentage.	Frequency.	Percentage.
Darwin's Point present . . .	127	66.84	94	58.75
Darwin's Point absent . . .	63	33.16	66	41.25

From the above Table it would appear that Darwin's Point is present in the majority of the people observed.

From the foregoing accounts it will be found that there is a close resemblance between the two groups in the particulars specified below : the head form, the nose form, the percentage ratio of the Superfacial and the Total Facial, Bizygomatic Breadth with the Bigonial Breadth, and the Minimum Frontal Breadth and Maximum Head Breadth, as well as the percentage ratio of the Orbito-Nasal Arc with the Orbito-Nasal Breadth. Very slight differences are noticed in the Stature, the Horizontal circumference of the Head, Sagittal Arc and the percentage ratio of the nasion-gnathion line with the Auricular Height, but appreciable differences are noticed in the Auricular Height and the Transverse Arc of the Head.

The nature of dispersion and the variation of the data in both the groups are found to be very close in the majority of cases but the dispersion is however not alike in a few cases. In the percentages of different characters in both the groups we find the following having the highest percentages :—

TABLE 64.

Results of comparison between the Maithil and the Kanaujia Brahmins.

	MAITHIL 190.	KANAUJIA 100.
	Percentage.	Percentage.
Stature—Medium	54.73	46.85
Head Form—		
Dolichocephaly	53.69	51.25
Hypsocephaly	88.95	81.25
Head—Hair—		
Character—Straight	77.38	73.13
Quantity—Moderately Present	69.47	71.87

TABLE 64—*contd.**Results of comparison between the Maithil and the Kanaujia Brahmins.*

	MAITHIL 190.	KANAUJIA 190.
	Percentage.	Percentage.
Nose—		
Form—Leptorrhine	56-33	62-50
Depression—Absent	67-38	71-88
Bridge—Straight	70-00	79-38
Septum—Horizontal	70-52	78-13
Face—		
Euryene	42-63	38-75
Leptoprosopy	34-22	38-75
Prosopic	77-37	76-87
Head—		
Acrocephal	79-48	66-25
Colour of Body—		
Forehead—Dark reddish brown (Nos. 22-23)	67-36	49-38
Chest—Dark reddish brown (Nos. 22-23)	70-51	51-87
Ventral Side of Upper Arm—		
Dark reddish brown (Nos. 22-23)	69-51	50-63
Colour—Hair of Head—		
Dark brown	64-22	74-27
Colour—Hair of Body—		
Dark brown	48-43	63-13
Colour—Beard and Moustache—		
Dark brown	52-04	38-12
Colour—Eyes—		
Deep brown (No. 3)	47-88	46-26
Quantity—Hair of Body—		
Moderately present	54-73	61-90
Quantity—Beard and Moustache—		
Moderately present	73-69	73-75
Character—Eyes—		
Round	79-48	84-38
Character—Forehead—		
Height—Medium	78-95	80-62
Breadth—Medium	67-37	58-12
Slope—Slightly present	40-52	33-12
Supra-orbital ridges—		
Slightly present	85-79	66-88
Character—Lips—		
Medium	78-06	78-12
Character—Chin—		
Pointed	51-58	40-62
Character—Ears—		
Darwin's Point Present	66-84	58-75
Character—Face—		
Oval	36-32	46-25

All these seem to show that the two groups are physically alike in most of the characters and can with good reason be assigned to the same racial stock. The differences noticed however in a few characters are probably due to the presence of another strain.

A scrutiny of the Table 64-B given below yields two important results, which are, firstly, the percentages of the characters selected for comparison are high in both the groups, and, secondly, that the Maithil

shows comparatively higher percentage in respect of the said characters On comparison being made with the averages of the Breadth Height Index and the Nasal Index of Acrocephalic aboriginal people like the Bhils (Breadth Height Index of the Head 84.43 ; Nasal Index 80.40), the Nattumalayans (Breadth Height Index of the Head 95.41 ; Nasal Index 85.27) and the Chenchus (Breadth Height Index of the Head 89.46 ; Nasal Index 81.38) measured by Dr. B. S. Guha, all of which show a high incidence of prominent supra-orbital ridges, dark brown complexion, etc., it appears that the presence of the above five characters in such high percentages is to be accounted for by miscegenation with some such neighbouring aboriginal stock. Further, from the higher percentages in which the said characters are present among the Maithils, it follows that hybridization with some such aboriginal stock has proceeded to a greater extent among them than among the Kanaujia.

TABLE 64B.

	MAITHIL.	KANAUJIA.	Difference.
	Percentage.	Percentage.	
Acrocephaly	79.48	66.25	13.23
Mesorrhiny	38.42	34.37	4.05
Slightly Marked Supra-Orbital ridges	85.79	66.88	18.91
Complexion—Dark brown—			
Forehead	67.36	49.38	17.98
Upper Arm	69.51	50.63	18.88
Chest	70.51	51.87	18.64

Mean Nasal Index—88.94±0.40 (Maithil)—87.56±0.37 (Kanaujia).

COMPARISON OF PHYSICAL CHARACTERS OF THE MAITHIL AND THE KANAUJIA BRAHMINS BY MEANS OF PEARSON'S CO-EFFICIENT OF RACIAL LIKENESS.

In the previous chapter I have tentatively shown from a comparison of individual characters that the Maithil and Kanaujia Brahmins of Behar are alike in several respects and probably represent samples of the same population. In the following pages I have attempted a comparison of their physical characters as a whole with the help of Professor Karl Pearson's formula of the Co-efficient of Racial Likeness with a view to determining the extent to which this provisional conclusion is borne out. As is well known the object of the Co-efficient is to provide a single numerical measure of the differences between a number of characters provided for two racial groups. The principles involved in this method are described by Professor Karl Pearson in the following manner :—

If m_s , σ_s and n_s are the mean, Standard Deviation and number of individuals respectively for the S th character of the first group and m'_s ,

σ'_s and n'_s are the corresponding constants for the S th character of the second group, then

$$C. R. L. = \Sigma \left\{ \frac{1}{M} \left(\frac{(m_s - m'_s)^2}{\frac{\sigma_s^2}{n_s} + \frac{\sigma'^2_s}{n'_s}} \right) \right\} - 1 + \frac{1}{M} \pm .6745 \sqrt{\frac{2}{M} \left(1 - \frac{1}{M} \right)}$$

where there are M characters compared. If the number of individuals be small it may be assumed that the Standard Deviations are equal to those of the largest series available belonging to the same group of races; in that case

$$\sigma_s = \sigma'_s \text{ and } C. R. L. = \Sigma \left\{ \frac{1}{M} \frac{n'_s n_s}{n_s + n'_s} \times \left(\frac{m_s - m'_s}{\sigma_s} \right)^2 \right\} - 1 + \frac{1}{M} \pm .6745 \sqrt{\frac{2}{M} \left(1 - \frac{1}{M} \right)}$$

The values calculated from this formula are called Crude Co-efficients. It has been shown that the value of the Crude Co-efficients is affected by the sizes of the samples compared, if the two types differ significantly from one another, and in this case a better measure of their absolute divergence is obtained by reducing the Crude Co-efficients to the value they would have if all mean characters for both samples were based on hundred individuals.

If \bar{n}_s is the mean number of subjects for the characters used in the case of the first group and \bar{n}'_s is the same for the second group then the Reduced Co-efficient is defined as¹

$$50 \times \frac{\bar{n}_s + \bar{n}'_s}{\bar{n}_s \bar{n}'_s} \left\{ \frac{1}{M} \Sigma \frac{n_s n'_s}{n_s + n'_s} \left(\frac{m_s - m'_s}{\sigma_s} \right)^2 \right\} - 1 + \frac{1}{M} \pm .6745 \sqrt{\frac{2}{M}} \\ \times 50 \times \frac{\bar{n}_s + \bar{n}'_s}{\bar{n}_s \bar{n}'_s}$$

In the present investigation the number of characters used is 31 in the case of the Maithil and the Kanaujia Brahmins. The Standard Deviations of the Maithil Brahmins are substituted for σ_s in the formula as the number of individuals measured in this series is comparatively larger (190) and the Probable Errors of the Standard Deviations are less than those of the Kanaujias.

TABLE 65.

Showing the values of the Crude Co-efficient and the Reduced Co-efficient of Racial Likeness of the Maithil and the Kanaujia Brahmins.

Group of Brahmins.	Number of Subjects.	Crude Co-efficient of Racial Likeness.	Reduced Co-efficient of Racial Likeness.
Maithil	190	} 3.88 ± 0.17	2.25 ± 0.10
Kanaujia	160		

¹ See *Biometrika* XIV, p. 193 (1923); XVIII, p. 105 (1926); XXII, p. 376 (1928).

From the above Table it will be seen that the Crude Co-efficient of Racial Likeness of the Maithil with the Kanaujia is 3.88 ± 0.17 whereas the Reduced Co-efficient is 2.25 ± 0.10 .

According to Professor Karl Pearson¹ a value of C. R. L. between 1—4 indicates a close association between the races compared ; so that the result 2.25 ± 0.10 between Maithil and Kanaujia clearly shows that there is a close racial affinity between them and they probably have a common origin.

TABLE 66.

Comparison of 'mean' direct 'measurements'.

The value of $\frac{n_s n'_s}{n_s + n'_s} \left(\frac{m_s - m'_s}{\sigma_s} \right)^2 = \sigma$, of the Maithil and Kanaujia

Brahmins of Bebar.

Stature	0.18
Auricular Height	9.76
Maximum Head Length	6.14
Maximum Head Breadth	3.01
Minimum Frontal Breadth	12.35
Maximum Bizygomatic Breadth	5.23
Bigonial Breadth	0.23
Inter-Orbital Breadth	2.06
Orbito-Nasal Breadth	13.99
Orbito-Nasal Arc	16.70
Nasal Length	1.96
Nasal Breadth	12.94
Nasal Height or Depth	1.80
Upper Facial Length	0.31
Total Facial Length	0
Horizontal Circumference of Head	3.94
Sagittal Arc	2.40
Transverse Arc	29.77
Length Breadth Index of the Head	0.22
Length Height Index of the Head	2.53
Breadth Height Index of the Head	4.49
Transverse Fronto-Parietal Index	2.08
Orbito-Nasal Index	0.17
Nasal Index	2.52
Nasal Elevation Index	0.85
* Upper Facial Index	0.23
Total Facial Index	2.08
Transverse Cephalo-Facial Index	0.15
Vertical Cephalo-Facial Index	8.79
Zygomatico-Frontal Index	2.54
Zygomatico-Mandibular Index	0.50

¹ *Biometrika* XVIII, p. 112 (1926) ; XX, B, p. 377 (1928).

It appears from the table given above that the average maximum head length of the Kanaujias measured by me nearly approaches that of Chanda's Bhumihar Brahmin or Babhan of Behar as well as that of Risley's Brahmins from United Provinces of Agra and Oudh, and Babhans from Behar. The mean maximum head breadth of the Kanaujia almost agrees with those of the Radhiya and the Pascatya Vaidik Brahmins of Bengal measured by Chanda, and also the Brahmins of Eastern Bengal and Babhan of Behar measured by Risley.

But the mean cephalic index of the Kanaujia is close to that of the Uttara-Radhiya Kayastha of Bengal and Bhumihar Brahman or Babhan of Chanda, and Babhan of Behar of Risley. The mean maximum head length of the Maithil Brahmins approaches that of the Bhumihar Brahman or Babhan of Behar of Chanda as well as that of the Brahmins of United Provinces of Agra and Oudh measured by Risley.

The mean maximum head breadth of the Maithil comes close to that of the Radhiya, the Pascatya Vaidik and the Varendra Brahmins of Bengal of Chanda and also to that of the Brahmins of Eastern Bengal and Babhan of Behar measured by Risley. But the average cephalic index of the Maithil Brahmins nearly approaches that of the Bhumihar Brahman or Babhan of Behar and Uttara-Radhiya Kayastha of Bengal measured by Chanda and Babhan of Behar of Risley.

TABLE 69.

Comparison of the Measurements and the Indices of the Nose of the Maithil and the Kanaujia Brahmins of Behar and United Provinces of Agra and Oudh.

Measured by—	Brahmin.	Number of subject.	Average maximum nasal length.	Average maximum nasal breadth.	Average nasal index.
Chanda . .	Kanaujia (Cawnpur)	25	45.32	35.56	78.88
Chatterjee . .	Kanaujia (Behar)	160	52.01 ± 0.18	34.96 ± 0.06	67.56 ± 0.37
Chanda . .	Maithil . . .	50	45.04	36.16	80.81
Chatterjee . .	Maithil . . .	190	52.65 ± 0.21	36.06 ± 0.14	68.94 ± 0.40
Risley . . .	Behari Brahmin .	67	49.3	36.1	73.2

The above Table shows that the average nasal length of the Kanaujias measured by Chanda is less by 6.69 mm. from that of the Kanaujias measured by me, which makes the difference a very striking one. The difference, of the two means of the nasal breadth of the Kanaujias measured by Chanda and myself is 0.60 mm. only which is not appreciable, but the nasal index of the Kanaujias of Chanda is higher by 11.32 units; this is very significant. As regards the Maithils appreciable differences are found between Chanda's data and those of mine in respect of the nose. For example his nasal length of the Maithils is less than

mine by 7.62 mm. Although the figures for the nasal breadth differ by 0.10 mm. only, his nasal index exceeds that of mine by 11.87 units, which is due to the low nasal length obtained by him.

In accounting for this difference in the nasal length between those of Chanda and myself, it may be presumed that in his case measurements were not taken according to modern technique (I. A.)

The nasal length and the nasal index of Risley's Behari Brahmin differ considerably from those of the Maithil or the Kanaujia Brahmins of Behar measured by me. His figures for the nasal breadth of the Behari Brahmins are practically the same as those of the Maithil Brahmins measured by me, but are higher than those of my Kanaujias.

TABLE 70.

Comparison of the Nasal Length, Breadth and the Nasal Indices of the Maithil and the Kanaujia Brahmins of Behar with those of the other Brahmins and Kayasthas of the sister provinces.

—	Description of subjects.	Locality.	Number of subject.	Average maximum nasal length.	Average maximum nasal breadth.	Nasal index.
Measured by—						
Chanda	Bhumihar Brahman or Babhan.	Behar	25	45.12	30.06	82.00
Chanda	Radhiya Brahmin	Bengal	18	46.50	30.44	79.08
Chanda	Pascatya Vaidik Brahmin.	Bengal	50	48.18	34.48	72.30
Chanda	Varendra Brahmin	Bengal	13	49.61	34.84	70.51
Chanda	Uttara-Radhiya Kayastha.	Bengal	50	46.48	30.06	76.07
Risley	Babhan	Behar	50	50.5	37.4	74.0
Risley	U. P. Brahmin	U. P. of Agra and Oudh.	100	46.5	34.7	74.6
Risley	Western Bengali Brahmin.	Bengal	32	48.5	34.0	71.0
Risley	Eastern Bengali Brahmin.	Bengal	68	49.0	35.1	70.3
Risley	Kayastha	Bengal	100	50.2	35.3	70.3
Chatterjee	Kanaujia Brahmin	Behar	160	52.01 ± 0.18	34.06 ± 0.06	67.56 ± 0.37
Chatterjee	Maithil Brahmin	Behar	100	52.66 ± 0.21	36.06 ± 0.14	68.94 ± 0.40

It appears from the Table given above that the breadth of the nose of the Kanaujia nearly agrees with that of the Brahmins of the United Provinces of Agra and Oudh, the western and the eastern groups of Bengali Brahmins, the Kayasthas of Bengal—all measured by Risley—as well as the Varendra and the Pascatya Vaidik Brahmins measured by Chanda. But the average nasal breadth of the Maithil Brahmins is very close to that of the Uttara-Radhiya Kayastha of Bengal, the Radhiya Brahmin of Bengal and the Bhumihar Brahman or Babhan of Behar measured by Chanda as well as the Eastern Bengali Brahmins of Bengal and Babhan of Behar measured by Risley.

TABLE 71.

Comparison of the Statures of the Maithil and the Kanaujia Brahmins of Behar and United Provinces of Agra and Oudh.

—	Brahmin.	Number of subject.	Average stature.
Measured by—			
Chanda	Kanaujia (Cawnpur) . .	25	1684.0
Chanda	Maithil	50	1653.7
Chatterjee	Kanaujia (Behar) . .	160	1650.61 ± 2.92
Chatterjee	Maithil	190	1653.52 ± 3.14
Risley	Behari Brahmin . .	67	1661.0

The above Table shows that the average stature of the Maithil Brahmins of Behar closely approaches that of the Maithil Brahmin of Chanda, but the average stature of my Kanaujias differs considerably from that of the Kanaujia of Cawnpur measured by Chanda. The difference between the two means is 34.29 mm. which is very significant and strongly indicates the presence of different racial strains. The mean stature of the Behari Brahmin of Risley when compared with that of my Maithils and Kanaujias from Behar is found to be higher by 7.3 mm. and 10.39 mm. respectively.

TABLE 72.

Comparison of the Stature of the Maithil and the Kanaujia Brahmins of Behar with those of the Brahmins and Kayasthas of sister provinces.

—	Description of subjects.	Locality.	Number of subjects.	Average stature.
Measured by—				
Chanda . .	Bhuimhar Brahman or Babhan.	Behar .	25	1713.84
Chanda . .	Radhiya Brahmin .	Bengal .	18	1667.16
Chanda . .	Pascetya Vaidik Brahmin	Bengal .	50	1662.3
Chanda . .	Varandra Brahmin .	Bengal .	13	1689.00
Chanda . .	Uttara-Radhiya Kayastha	Bengal .	50	1673.44
Risley . .	Eastern Bengali Brahmin.	Bengal .	68	1653.0
Risley . .	Western Bengali Brahmin.	Bengal .	32	1670.0
Risley . .	Bengali Kayastha .	Bengal .	100	1636.0
Risley . .	Babhan	Behar .	59	1662.0
Risley . .	Brahmin of United Provinces of Agra and Oudh.	U. P. .	100	1659.0
Chatterjee .	Maithil Brahmin . .	Behar .	190	1653.52 ± 3.14
Chatterjee .	Kanaujia Brahmin .	Behar .	160	1650.61 ± 2.94

As shown in the Table given above, the average statures of the Maithil and the Kanaujia Brahmins of Behar nearly approach the average stature of the Eastern Bengali Brahmins measured by Risley.

B.—COMPARISON OF THE MAITHILS AND THE KANAUJIA BRAHMINS WITH THE BRAHMINS AND OTHER CASTES OF NORTHERN AND SOUTHERN INDIA BY MEANS OF PEARSON'S CO-EFFICIENT OF RACIAL LIKENESS.

In this section it is intended to compare how far the Maithil and the Kanaujia Brahmins of Behar are racially correlated to the Brahmins, the Kayasthas and other castes of the neighbouring Provinces, measured by Dr. B. S. Guha, in connection with the last Census Operations, and to whom I am grateful for allowing me to use his unpublished data for this paper, with the help of Pearson's formula of the Co-efficient of Racial Likeness. In conformity with the practice followed in this Laboratory, the Standard Deviations of the Nagar Brahmins have been used throughout in calculating the C. R. L.'s. It should be further mentioned that in working out the Co-efficients of Racial Likeness, only 13 characters were considered in the case of the Sikhs, in all other cases 25 characters were used. Though the measurements in all these cases are based on the International Agreement (Martin's *Lehrbuch* 2nd Ed.) and in the case of two at least, Dr. Guha and myself, the same technique was followed, some amount of personal equation must have affected the results. It will be well to keep this in mind at the time of comparing the values of the different groups.

TABLE 73.

Crude Co-efficients of Racial Likeness.

	Uriya Brahmin (Guha).	Telegu Brahmin (Guha).	Nam-budiri Brahmin (Guha).	Podis (Guha).	Malvo Brahmin (Guha).	U. P. Brahmin (Guha).	Bengali Brahmin (Guha).	Bengali Kayastha (Guha).	Sikh of Punjab (Eickstedt). ¹
Maithil .	26.83 ± 0.19	14.67 ± 0.19	16.82 ± 0.19	19.05 ± 0.19	21.49 ± 0.19	24.35 ± 0.19	26.06 ± 0.19	43.58 ± 0.19	34.23 ± 0.25
Kanaujia .	21.52 ± 0.19	12.44 ± 0.19	16.54 ± 0.19	13.42 ± 0.19	16.21 ± 0.19	19.30 ± 0.19	22.59 ± 0.19	37.61 ± 0.19	37.78 ± 0.25

TABLE 74.

Reduced Co-efficients of Racial Likeness.

	Uriya Brahmin (Guha).	Telegu Brahmin (Guha).	Nam-budiri Brahmin (Guha).	Podis (Guha).	Malvo Brahmin (Guha).	U. P. Brahmin (Guha).	Bengali Brahmin (Guha).	Bengali Kayastha (Guha).	Sikh of Punjab (Eickstedt).
Maithil .	16.90 ± 0.12	18.48 ± 0.24	19.68 ± 0.22	25.14 ± 0.24	27.08 ± 0.24	30.68 ± 0.24	32.85 ± 0.24	33.12 ± 0.14	31.49 ± 0.23
Kanaujia .	14.63 ± 0.13	16.30 ± 0.25	20.18 ± 0.23	17.58 ± 0.25	21.24 ± 0.25	25.58 ± 0.25	29.59 ± 0.24	30.46 ± 0.15	30.64 ± 0.24

On scrutinising the above Table No. 74 it will be found that the reduced Co-efficients of Racial Likeness of the Maithil and the Kanaujia Brahmins of Behar with the Uriya Brahmins of Orissa are the smallest, *viz.*, 16.90±

¹ *Man in India*, III, p. 188, 1923.

0.12 and 14.63 ± 0.13 respectively. The reduced Co-efficient of Racial Likeness of the Maithil Brahmins with the Telugu Brahmins of Madras Presidency is 18.48 ± 0.24 and that of the Kanaujia Brahmin with the Telugu Brahmin is 16.30 ± 0.25 . Similarly the reduced Co-efficients of Racial Likenesses of the Maithil and the Kanaujia Brahmins with the Nambudiri Brahmin of Malabar are 19.68 ± 0.22 and 20.18 ± 0.23 respectively and 17.58 ± 0.25 is the reduced Co-efficient of Racial Likeness of the Kanaujia Brahmin with the Pods of Bengal. The values of the reduced Co-efficient of the Racial Likenesses stated above strictly speaking are outside the limits signifying racial affinities,¹ but it seems extremely probable that they would have fallen within the range usually considered sufficient for denoting racial kinship, if the measurements were taken by one and the same person. In spite of the uniformity of technique practised by Dr. Guha and myself, those with field experience in anthropological investigations know the possibility of a certain amount of variations in the values of the measurements taken by different persons. To what extent this personal equation has influenced the above results it is difficult to gauge. We have no means of determining it but it is only fair that in view of the undoubted presence of this qualifying factor a different set of values should be ascribed to all Co-efficients of Racial Likenesses denoting racial kinships based on measurements taken by two or more persons. In the absence however of such values, we cannot of course definitely determine the degree of racial kinship shown by the above figures, but in my opinion it would be safer to assume that the above groups do signify racial kinship and not divergence. Of these the Uriya Brahmins show the closest affinities to the Kanaujias and then come the Telugu Brahmins, the Pods of Bengal and the Nambudiri Brahmins of Malabar in order of preference. With the Maithils the affinities are slightly less though significant in the case of the Uriya, the Telugu and the Nambudiri Brahmins. With regard to the rest, the values of the Co-efficient of Racial Likenesses given in Table 74 are so high as to preclude the possibilities of all relationships even giving full allowance for personal equations.

To sum up, most of the features, viz., head form, nose form, contour of the face, the eye, lips, chin, stature, characters of the upper and the lower jaws, the complexion of the body, the quantity and the character of hair on the head and body, of the Maithil and the Kanaujia Brahmins of Behar are closely similar. These are just sufficient for concluding with any degree of certainty that the Maithil and the Kanaujia Brahmins of Behar are racially alike. The same conclusion is also reached when we find that the Reduced Co-efficient of Racial Likeness between the two is 2.25 ± 0.10 only (*vide* Table 65).

Further, judged alike by comparison of the individual characters as well as by Pearson's method of the Co-efficient of Racial Likeness, the Maithil and the Kanaujia Brahmins of Behar are without doubt somatically related to some of the neighbouring groups of Bengal, Orissa and South India. Racial kinship is also discernible with the Nambudiris of Malabar, but there does not appear to be any with the Brahmins of United Provinces of Agra and Oudh and Central India. This is

¹. *Biometrika* XVIII, p. 112, 1926.

contrary to traditional views which assign common origins to the Kanaujia Brahmins of Behar and the United Provinces of Agra and Oudh. Tradition however receives support in the case of the Brahmins of Orissa, who are said to have come from Behar and are found to be racially almost similar.

Before concluding I would like to express my grateful thanks to Dr. B. S. Guha, under whose directions the work was carried out, and to Lt.-Col. R. B. S. Sewell, late Director of the Zoological Survey of India, and Dr. Baini Prashad, the present Director, who were good enough to go through the entire manuscript and give me valuable suggestions. Last but not least I am thankful to Messrs. Achyuta Kumar Mitra, H. K. Bose, P. C. Bose, R. K. Paul, J. N. Sen-Gupta and Panchkowri Chakraverty of the Anthropological Laboratory of the Zoological Survey of India for their help and suggestions.

TABLE 75.

Comparison of the means with their Probable Errors as well as their Standard Deviations with Probable Errors of the measurements of the Maithil and the Kanaujia Male Brahmins of Behar.

Measurements.	MAITHIL, 190.		KANAUJIA, 160.	
	Mean with Probable Error.	Standard Deviation with Probable Error.	Mean with Probable Error.	Standard Deviation with Probable Error.
Stature . . .	1653.52 \pm 3.14	61.20 \pm 2.22	1650.01 \pm 2.94	55.12 \pm 2.08
Auricular Height .	131.10 \pm 0.40	10.05 \pm 0.35	127.73 \pm 0.67	12.53 \pm 0.47
Maximum Head Length.	190.32 \pm 0.35	7.22 \pm 0.25	188.40 \pm 0.37	7.02 \pm 0.26
Maximum Head Breadth.	144.26 \pm 0.27	5.58 \pm 0.19	143.22 \pm 0.27	5.10 \pm 0.19
Minimum Frontal Breadth.	107.04 \pm 0.21	4.27 \pm 0.15	105.43 \pm 0.28	5.24 \pm 0.20
Maximum Bizygomatic Breadth.	132.50 \pm 0.21	4.28 \pm 0.15	131.54 \pm 0.27	4.07 \pm 0.19
Bilgonial Breadth .	99.55 \pm 0.28	5.81 \pm 0.20	99.25 \pm 0.36	6.81 \pm 0.20
Inter-Orbital Breadth.	31.04 \pm 0.11	2.34 \pm 0.08	30.08 \pm 0.11	2.14 \pm 0.08
Orbito-Nasal Breadth.	97.44 \pm 0.20	5.93 \pm 0.21	95.06 \pm 0.34	6.43 \pm 0.24
Orbito-Nasal Arc .	114.45 \pm 0.28	5.69 \pm 0.20	111.95 \pm 0.39	7.25 \pm 0.27
Nasal Length .	52.06 \pm 0.21	4.32 \pm 0.15	52.01 \pm 0.18	3.45 \pm 0.13
Nasal Breadth .	36.06 \pm 0.14	2.85 \pm 0.10	34.96 \pm 0.06	1.18 \pm 0.04
Nasal Height or Depth.	21.37 \pm 0.13	2.04 \pm 0.09	20.98 \pm 0.14	2.67 \pm 0.10
Upper Facial Length.	64.04 \pm 0.32	6.40 \pm 0.22	63.05 \pm 0.23	4.30 \pm 0.16
Total Facial Length.	113.94 \pm 0.30	6.15 \pm 0.21	113.91 \pm 0.35	6.48 \pm 0.24
Horizontal Circumference of the Head.	546.98 \pm 0.94	19.24 \pm 0.67	542.88 \pm 0.96	17.04 \pm 0.65
Transverse Arc .	332.96 \pm 0.77	15.75 \pm 0.54	332.18 \pm 0.92	17.32 \pm 0.65
Sagittal Arc .	348.81 \pm 0.82	16.85 \pm 0.58	345.51 \pm 0.86	16.22 \pm 0.61

TABLE 76.

Comparison of the Co-efficients of Variation with their Probable Errors of the measurements with the Maithil and the Kanaujia Male Brahmins of Behar.

Measurements.	MAITHIL, 190.		KANAUJIA, 100.	
	Co-efficient of variation with Probable Error.		Co-efficient of variation with Probable Error.	
Stature	3.88	± 0.13	3.33	± 0.13
Auricular Height	7.06	± 0.27	9.80	± 0.37
Maximum Head Length	3.79	± 0.13	3.72	± 0.14
Maximum Head Breadth	2.93	± 0.10	3.56	± 0.13
Minimum Frontal Breadth	3.08	± 0.13	4.97	± 0.19
Maximum Bizygomatic Breadth	3.22	± 0.11	3.77	± 0.14
Bigonial Breadth	5.83	± 0.20	6.86	± 0.26
Inter-Orbital Breadth	7.53	± 0.26	6.97	± 0.26
Orbito-Nasal Breadth	6.09	± 0.21	6.76	± 0.26
Orbito-Nasal Arc	4.97	± 0.17	6.47	± 0.24
Nasal Length	8.20	± 0.29	6.63	± 0.25
Nasal Breadth	7.90	± 0.27	3.37	± 0.13
Nasal Height or Depth	12.35	± 0.44	12.72	± 0.49
Upper Facial Length	10.08	± 0.36	6.75	± 0.26
Total Facial Length	5.39	± 0.18	5.68	± 0.21
Horizontal Circumference of Head	3.51	± 0.12	3.30	± 0.12
Transverse Arc	4.87	± 0.16	5.21	± 0.20
Sagittal Arc	4.83	± 0.16	4.69	± 0.18

TABLE 77.

Comparison of the means with their Probable Errors as well as their Standard Deviations with Probable Errors of the Indices of the Maithil and the Kanaujia Male Brahmins of Behar.

Indices.	MAITHIL.		KANAUJIA.	
	Mean with Probable Error.	Standard Deviation with Probable Error.	Mean with Probable Error.	Standard Deviation with Probable Error.
Length Breadth Index of Head.	75.90 ± 0.20	4.04 ± 0.14	76.10 ± 0.21	4.02 ± 0.15
Length Height Index of Head.	68.99 ± 0.28	5.74 ± 0.20	68.01 ± 0.39	7.20 ± 0.27
Breadth Height Index of Head.	90.95 ± 0.36	7.26 ± 0.25	89.80 ± 0.49	9.18 ± 0.36
Transverse Fronto-Parietal Index.	75.35 ± 0.20	4.01 ± 0.14	74.73 ± 0.24	4.51 ± 0.17
Orbito-Nasal Index	117.68 ± 0.31	6.26 ± 0.22	117.00 ± 0.33	6.12 ± 0.23
Nasal Index .	68.94 ± 0.40	8.11 ± 0.28	67.56 ± 0.37	6.87 ± 0.26
Nasal Elevation Index.	59.57 ± 0.42	8.58 ± 0.30	60.42 ± 0.49	9.13 ± 0.34
Upper Facial Index	48.25 ± 0.23	4.61 ± 0.16	48.49 ± 0.19	3.62 ± 0.14
Total Facial Index	85.98 ± 0.24	4.01 ± 0.17	86.74 ± 0.28	5.34 ± 0.20
Transverse Cephalo-Facial Index.	92.00 ± 0.18	3.62 ± 0.13	91.85 ± 0.19	3.59 ± 0.14
Vertical Cephalo-Facial Index.	87.89 ± 0.38	7.86 ± 0.27	89.89 ± 0.57	10.03 ± 0.40
Zygomatico Frontal Index.	80.78 ± 0.17	3.51 ± 0.12	80.18 ± 0.17	3.26 ± 0.12
Zygomatico Mandibular Index.	75.11 ± 0.20	4.12 ± 0.14	75.42 ± 0.26	4.79 ± 0.16

TABLE 78.

Comparison of the Co-efficients of variation with their Probable Errors of the Indices, with the Maithil and the Kanaujia Male Brahmins of Behar.

Indices.	MAITHIL.	KANAUJIA.
	Co-efficient of variation with Probable Error.	Co-efficient of variation with Probable Error.
Length Breadth Index of Head . . .	5.32 ± 0.18	5.28 ± 0.20
Length Height Index of Head . . .	8.32 ± 0.29	10.58 ± 0.40
Breadth Height Index of Head . . .	7.98 ± 0.28	10.22 ± 0.39
Transverse Fronto-Parietal Index . . .	5.32 ± 0.18	6.03 ± 0.23
Orbito-Nasal Index . . .	5.32 ± 0.18	5.19 ± 0.20
Nasal Index . . .	11.76 ± 0.42	10.16 ± 0.39
Nasal Elevation Index . . .	14.40 ± 0.51	15.11 ± 0.58
Upper Facial Index . . .	9.55 ± 0.34	7.46 ± 0.28
Total Facial Index . . .	5.71 ± 0.19	6.15 ± 0.23
Transverse Cephalo-Facial Index . . .	3.93 ± 0.13	3.90 ± 0.15
Vertical Cephalo-Facial Index . . .	8.99 ± 0.32	11.82 ± 0.45
Zygomatico Frontal Index . . .	4.35 ± 0.15	4.06 ± 0.15
Zygomatico Mandibular Index . . .	5.48 ± 0.18	6.35 ± 0.24

TABLE 79.

Table showing the percentages of different Head-forms of the Brahmins and Kayasthas of Bengal, Behar and Orissa and the United Provinces of Agra and Oudh.

—	Description of Subjects.	Locality.	Percentage of Dolichocephaly.	Percentage Mesocephaly.	Percentage Brachycephaly.	Percentage Hyperbrachy.
Measured by—						
Chanda .	Kanaujia (Brahmin)	Cawnpur .	63.0	37.0	..	..
Chanda .	Maithil (Brahmin) .	Behar .	70.00	26.0	4.0	..
Chanda .	Radhi Brahmin .	Bengal .	20.1	79.9	..	..
Chanda .	Varendra Brahmin .	Bengal .	16.0	84.0	..	..
Chanda .	Bengali Brahmin .	Bengal .	13.0	52.0	35.0	..
Chanda .	Pascatya Valdik Brahmin.	Bengal .	6.0	48.0	46.0	..
Chanda .	Uttara-Radhiya Kayastha.	Bengal .	32.0	54.0	24.0	..
Chanda .	Kayastha . .	Bengal .	11.0	50.0	39.0	..
Risley .	U. P. Brahmin .	United Provinces.	74.0	24.0	2.0	..
Risley .	U. P. Kayastha .	United Provinces.	70.0	21.0	1.0	..
Chatterjee .	Kanaujia Brahmin .	Behar .	51.25	37.50	10.00	1.25
Chatterjee .	Maithil Brahmin .	Behar .	53.69	37.86	5.26	2.69

¹ Chanda, R. P., *op. cit.* p. 59.

TABLE 80.

MAITHIL BRAHMINS OF BEHAR.

Measurements.

Name.	Nagawar Jha.	Sabuj Lal Jha.	Jagnath Jha.	Bateswar Misra.	Kali Jha.	Madeb Jha.
	1	2	3	4	5	6
Age	22	23	23	45	29	55
Stature	1749	1655	1691	1667	1675	1735
Height up to Tragus . . .	1611	1500	1547	1535	1545	1605
Auricular Height	138	146	144	132	130	130
Max. Head length	191	195	193	197	190	195
Max. Head breadth	153	143	147	156	141	142
Min. frontal breadth . . .	111	105	104	115	97	111
Max. Bizygomatic Breadth .	135	141	133	145	133	140
Bigonial breadth	112	105	112	115	104	105
Inter-orbital breadth . . .	31	32	31	30	31	33
Orbito-nasal breadth . . .	101	104	90	111	101	102
Orbito-nasal Arc	112	112	111	121	112	112
Nasal length	51	51	50	54	52	54
Nasal breadth	36	37	32	40	35	34
Nasal height or depth . . .	21	19	20	22	20	20
Upper Facial length	60	64	55	65	61	65
Total Facial length	106	121	112	117	111	112
Hor. circ. of the head . . .	560	541	525	570	530	555
Sagittal Arc	341	338	395	370	345	299
Transverse Arc	350	335	345	345	325	300

Serial No.

Locality.

Sub-caste.

1
2
3
4
5
6
7
8.
.
.
.
.
.
.
.Darbhanga.
"
"
"
"
"
"
Bhagalpur.Sandilya.
Kashyap.
"
"
Vataya.
Kashyap.
Madhya.
Parasar.

TABLE 80.

MAITHIL BRAHMINS OF BEHAR.

Measurements.

Ram Prosad Chowdry.	Sarab Lal Jha.	Ajodhya Jha.	Sree Kanto Jha.	Janakdeo Jha.	Pandit Aubinandan Misra.	Jognath Jha.	Anup Lal Jha.	Rajnath Misra.	Rambandu Jha.
7	8	9	10	11	12	13	14	15	16
45	54	55	45	36	55	35	45	57	24
1545	1661	1455	1641	1728	1618	1720	1658	1633	1623
1398	1527	1321	1511	1598	1484	1612	1524	1499	1485
145	134	134	130	130	134	98	134	134	138
200	183	183	180	174	186	191	197	192	172
150	139	141	140	142	148	143	143	150	116
105	97	103	103	104	113	113	100	118	105
136	133	132	130	131	137	134	131	134	126
165	100	114	99	104	103	102	91	103	87
30	31	25	30	31	31	30	31	32	32
91	90	86	93	96	98	94	101	99	111
115	112	105	110	111	111	115	116	116	115
50	51	46	48	50	45	55	51	49	55
41	38	36	34	34	38	36	34	38	33
17	20	18	18	17	17	20	21	21	21
60	64	58	62	60	59	65	64	63	65
111	111	107	111	117	111	115	111	107	108
560	515	529	525	520	543	535	555	562	520
335	310	335	325	335	352	315	332	335	355
330	300	345	340	330	350	305	335	332	205

* Serial No.

Locality.

Sub-caste.

9

Darbhanga.

Sandilya.

10

"

Katyayani.

11

"

Kashyap.

12

"

Sandilya.

13

"

Vatsya.

14

Bhagalpur.

Kashyap.

15

"

"

16

Monghyr.

"

TABLE 80.

MAITHIL BRAHMS OF BEHAR.

Measurements.

Name.	Remeswar Jha. 17	Umesh Jha. 18	Beruchi Jha. 10	Nabakanta Jha. 20	Lakshmi Kanta Jha (II). 21	Mukti Nath Chow- dry. 22
Age	30	23	54	22	48	50
Stature	1743	1620	1637	1747	1711	1753
Height up to Tragus	1587	1483	1499	1613	1573	1633
Auricular Height	156	137	138	134	138	120
Max. Head length	179	190	183	191	190	182
Max. Head breadth	152	146	139	146	153	141
Min. frontal breadth	116	111	104	108	108	111
Max. Bizygomatic Breadth . .	136	132	126	129	134	132
Bigonial breadth	106	102	97	99	112	• 112
Inter-orbital breadth	34	35	31	33	31	30
Orbito-nasal breadth	102	93	97	95	111	95
Orbito-nasal Arc	112	105	115	115	115	115
Nasal length	50	46	56	54	53	54
Nasal breadth	42	35	36	36	40	41
Nasal height or depth	21	16	21	20	20	20
Upper Facial length	62	58	64	62	64	72
Total Facial length	113	116	104	100	116	115
Hor. circ. of the head	540	543	530	533	555	530
Sagittal Arc	340	346	325	355	375	335
Transverse Arc	300	345	333	340	343	315

Serial No.

Locality.

Sub-caste.

17

Bhagalpur.

Bharadvaj.

18

Darbhanga.

Sandilya.

19

Bhagalpur.

Kashyap.

20

"

"

21

Darbhanga.

Sandilya.

22

Bhagalpur.

Vatya.

23

"

Kashyap.

24

"

Bharadvaj.

TABLE 80.

MAITHIL BRAHMINS OF BEHAR.

Measurements.

Kanda Jha. 23	Nandan Jha. 24	Inder Shekher Jha. 25	Gobindra Misra. 26	Bages Jha. 27	Arti Nath Chow- dry. 28	Daroga Misra. 29	Domindar Misra. 30	Tota Lal Jha. 31	Ajodhya Misra.. 32	Nath Kirti Nath Jha. 33
42	32	48	55	45	48	32	48	22	20	
1666	1631	1709	1673	1706	1672	1687	1611	1700	1631	
1554	1494	1579	1545	1573	1524	1563	1499	1569	1502	
112	137	130	128	133	148	124	112	131	129	
193	195	193	202	190	185	190	185	186	193	
142	150	144	151	142	144	144	135	146	143	
111	111	105	105	103	104	111	111	112	111	
135	128	130	133	132	130	133	125	128	131	
113	102	101	109	104	91	105	94	95	100	
32	31	27	33	31	30	30	30	30	30	
111	93	95	96	100	111	93	90	90	98	
112	111	115	120	105	112	115	105	111	112	
54	54	52	56	60	58	51	54	52	59	
33	39	38	40	40	35	34	31	35	34	
24	21	23	23	24	22	22	20	20	20	
65	66	57	68	70	71	63	63	65	64	
111	111	97	103	122	116	111	112	111	112	
555	560	540	570	523	535	555	520	530	560	
335	355	355	355	345	346	335	325	345	345	
325	335	340	360	325	325	325	315	315	335	

Serial No.

Locality.

Sub-caste.

25

Bhagalpur.

Sandilya.

26

"

Vatsya.

27

"

Sandilya.

28

"

"

29

"

Kashyap.

30

"

Sandilya.

31

"

"

32

"

"

TABLE 80.

MAITHIL BRAHMINS OF BEHAR.

Measurements.

Name.	Niran Jha.	Keshob Chowdry.	Gana Lal Jha.	Chakradhar Misra.	Gobordhan Jha.	Harib Jha.
	33	34	35	36	37	38
Age	54	39	55	23	37	62
Stature	1699	1643	1519	1731	1572	1615
Height up to Tragus	1659	1519	1399	1598	1435	1485
Auricular Height	140	124	120	133	137	130
Max. Head length	183	196	190	190	192	200
Max. Head breadth	150	142	143	140	141	147
Min. frontal breadth	111	111	111	107	105	106
Max. Bizygomatic Breadth	138	130	123	133	131	139
Bigonial breadth	100	104	90	103	96	104
Inter-orbital breadth	30	32	31	32	28	33
Orbito nasal breadth	100	111	90	95	90	100
Orbito nasal Arc	115	112	105	112	105	115
Nasal length	57	48	55	55	50	57
Nasal breadth	34	39	35	30	34	40
Nasal height or depth	22	21	26	23	21	25
Upper Facial length	65	60	65	64	60	65
Total Facial length	107	116	114	123	117	118
Hor. circ. of the head	555	555	548	542	540	570
Sagittal Arc	345	346	335	345	335	345
Transverse Arc	333	335	325	333	333	335

Serial No.

Locality.

Sub-caste.

33

Darbhanga.

Sandilya.

34

Bhagalpur.

Sandilya.

35

"

Kashyap.

36

"

Sandilya.

37

"

Kashyap.

38

"

Vatsya.

39

"

Sandilya.

40

"

"

TABLE 80.
MAITHIL BRAHMINS OF BEHAR.

* *Measurements.*

Sovanath Jha.	Kedar Nath Jha.	Dina Nath Misra.	Indra Chowdry.	Aurjun Chowdry.	Bhagaben Dutt Jha.	Deb Dutt Jha.	Keshab Nath Misra.	Gora Lal Jha.	Lal Subhodh Misra.
39	40	41	42	43	44	45	46	47	48
25	55	51	33	22	25	22	25	29	28
1643	1679	1616	1563	1550	1686	1641	1646	1686	1668
1507	1533	1481	1434	1425	1554	1512	1527	1555	1543
136	146	135	120	125	132	129	119	131	125
100	106	181	180	177	203	101	173	186	190
144	152	143	141	147	140	147	150	130	147
107	111	105	108	107	111	108	106	103	111
128	126	130	125	125	130	134	132	126	132
94	100	95	97	95	98	92	96	106	95
30	31	30	31	31	30	30	31	30	31
90	95	90	90	97	111	93	99	96	95
111	115	115	105	111	115	115	115	115	115
53	57	58	50	54	54	52	51	52	51
33	38	36	34	35	35	34	35	37	40
22	24	24	21	21	17	22	20	22	20
56	73	62	61	61	62	61	59	66	63
109	122	108	108	105	106	114	107	117	115
535	575	530	540	530	570	560	522	530	445
345	355	315	325	345	340	335	355	335	355
325	323	305	320	310	335	325	315	320	290

• Serial No.

Locality.

Sub-caste.

41	.	.	.	.	.	Bhagalpur.
42	.	.	.	.	.	"
43	.	.	.	.	.	"
44	.	.	.	.	.	"
45	.	.	.	.	.	"
46	.	.	.	.	.	"
47	.	.	.	.	.	"
48	.	.	.	.	.	"

Sandilya.
"
Kashyap.
"
Sandilya.
Katyayani.
Kashyap.

TABLE 80.

MAITHIL BRAHMINS OF BEHAR.

Measurements.*

Name.	Murli Dutt Jha. 49	Makhan Jha. 50	Ajodhya Prosad Misra (II). 51	Magni Ram Bhutt. 52	Setabi Jha. 53	Rasik Lal Jha. 54
Ago	52	35	48	60	35	39
Stature	1678	1633	1607	1595	1702	1620
Height up to Tragus	1543	1505	1481	1467	1572	1478
Auricular Height	135	128	126	128	130	142
Max. Head length	190	192	201	200	194	193
Max. Head breadth	146	146	147	141	140	142
Min. frontal breadth	106	112	111	100	103	111
Max. Bizygomatic Breadth . .	134	133	133	124	125	130
Bigonial breadth	105	95	97	92	95	94
Inter-orbital breadth	32	30	34	32	33	30
Orbito-nasal breadth	95	111	100	92	91	92
Orbito-nasal Arc	115	115	111	111	115	118
Nasal length	55	57	50	58	57	57
Nasal breadth	36	40	40	34	35	36
Nasal height or depth	20	20	21	24	21	21
Upper Facial length	73	69	61	76	75	66
Total Facial length	127	113	114	121	120	113
Hor. circ. of the head	555	555	575	555	555	549
Sagittal Arc	345	335	355	356	345	335
Transverse Arc	305	320	325	345	315	325

Serial No.

Locality.

Sub-caste.

49

Bhagalpur.

Katyayani.

50

"

Vatya.

51

"

"

52

"

Sandilya.

53

"

Katyayani.

54

"

Vatya.

55

"

Kashyap.

56

"

"

TABLE 80.
 MAITHIL BRAHMINs OF BEHAR.
Measurements.

Bansho Misra.	Raj Kumar Jha.	Gudar Jha.	Rith Lal Jha.	Mandhur Misra.	Bhagarathi Misra.	Kamal Nath Jha.	Shibshi Jha.	Nilkantha Jha.	Madhab Jha.
55	56	57	58	59	60	61	62	63	64
58	49	55	62	45	24	38	52	41	41
1596	1573	1586	1660	1605	1706	1542	1670	1689	1720
1459	1446	1468	1523	1447	1553	1432	1526	1557	1578
137	127	118	137	158	153	110	144	132	143
193	194	191	191	191	193	190	190	186	192
137	137	139	139	149	140	148	140	139	147
103	102	105	105	111	111	105	111	102	111
125	126	125	134	134	136	134	130	126	132
96	85	91	98	100	100	92	105	90	98
32	30	30	33	32	30	33	31	30	30
91	92	100	97	97	98	100	97	91	102
113	111	111	112	121	111	122	120	105	125
57	60	57	61	50	50	50	55	56	52
38	35	35	40	37	33	40	37	33	35
22	25	22	21	21	21	22	21	24	23
66	73	71	72	60	59	62	67	63	70
118	120	120	113	118	108	117	115	112	114
545	543	540	548	560	560	555	535	530	555
345	333	325	315	355	335	335	325	335	345
315	315	310	310	315	300	325	305	310	316

o	Serial No.	Locality.	Sub-caste.
	57	Bhagalpur.	Vatsya.
	58	"	Savarna.
	59	"	Sandilya.
	60	"	Kashyap.
	61	"	"
	62	"	Savarna.
	63	"	Katyayani.
	64	"	Sandilya.

TABLE 80.

MAITHIL BRAHMIN OF BEHAR.

Measurements.

Name.	Chotha Nath Jha. 65	Haribanshi Jha. 66	Ram Prosad Chow- dry. 67	Asari Kumar. 68	Nando Keshor Jha. 69	Hara Krishna Jha. 70
Age	64	56	24	38	35	36
Stature	1490	1615	1550	1603	1650	1480
Height up to Tragus	1375	1478	1419	1475	1536	1368
Auricular Height	115	137	131	128	114	121
Max. Head length	192	186	181	195	185	179
Max. Head breadth	147	162	132	136	134	145
Min. frontal breadth	111	106	106	111	109	117
Max. Bizygomatic Breadth . .	130	130	130	134	130	126
Bigonial breadth	92	104	92	95	90	100
Inter-orbital breadth	30	30	28	30	30	30
Orbito-nasal breadth	92	92	91	112	96	94
Orbito-nasal Arc	111	115	100	117	111	111
Nasal length	50	60	45	56	53	56
Nasal breadth	34	35	32	35	36	32
Nasal height or depth	18	20	20	21	18	22
Upper Facial length	65	70	55	70	63	63
Total Facial length	115	126	103	122	106	111
Hor. circ. of the head	545	555	520	553	535	523
Sagittal Arc	335	340	315	337	345	345
Transverse Arc	305	295	300	326	285	295

Serial No.

Locality.

Sub-caste.

65	Bhagalpur.	Kashyap.
66	Darbhanga.	"
67	Bhagalpur.	Bharadva.
68	Monghyr.	Vatsya.
69	Bhagalpur.	"
70	Darbhanga.	Sandilya.
71	Bhagalpur.	Kashyap.
72	"	Sandilya.

TABLE 80.

MAITHIL BRAHMINS OF BEHAR.

Measurements.

Babu Jan Jha.	Jogeswar Misra.	Basudeb Prosad Misra.	Darob Lal Jha.	Sribonand Misra.	Baleswar Jha.	Jog Nath Jha.	Bishnu Prosad Thakoor.	Shib Nandan Misra.	Hariballa Jha.
71	72	73	74	75	76	77	78	79	80
59	32	33	30	30	38	26	23	23	25
1630	1633	1745	1570	1589	1556	1638	1756	1735	1745
1493	1480	1598	1449	1453	1429	1403	1626	1602	1613
137	153	147	121	136	127	145	130	133	132
187	182	181	190	180	190	200	200	196	195
134	142	141	131	134	146	153	140	141	146
100	103	111	100	102	104	108	119	111	111
130	130	130	130	128	130	135	137	133	132
93	87	96	106	100	95	106	111	100	102
26	31	30	30	30	29	30	33	33	31
86	91	100	98	96	96	104	113	100	97
111	115	111	111	105	111	112	125	121	112
57	60	52	50	54	52	54	53	50	57
30	36	34	36	34	34	37	36	34	34
26	24	23	20	21	23	22	21	23	20
70	65	60	60	64	61	68	64	66	65
120	117	117	113	113	107	117	126	111	114
527	520	525	545	515	550	570	565	560	565
325	343	355	335	315	336	375	355	345	355
283	325	325	305	300	325	325	325	305	305

Serial No.

Locality.

Sub-caste.

73

Bhagalpur.

Sandilya.

74

Darbhanga.

Vatya.

75

Bhagalpur.

Sandilya.

76

Santal Pergs.

Vatya.

77

Bhagalpur.

Sandilya.

78

Bhagalpur.

Vatya.

79

"

Vatya.

80

"

Vatya.

TABLE 80.

MAITHIL BRAHMINS OF BEHAR.

Measurements.

Name.	Shib Nandan Jha.	Shibdhan Misra.	Baidya Nath Jha.	Jala Prosad Pathak.	Chun Chun Prosad Misra (II).	Darabya Misra.
	81	82	83	84	85	86
Age	26	22	22	22	24	50
Stature	1690	1686	1765	1580	1625	1537
Height up to Tragus	1550	1560	1623	1436	1493	1413
Auricular Height	140	126	142	153	132	124
Max. Head length	204	200	192	195	193	190
Max. Head Breadth	141	142	155	152	137	137
Min. frontal breadth	105	111	105	118	103	104
Max. Bizygomatic Breadth . .	132	140	135	139	130	132
Bigonial breadth	102	103	102	102	93 _c	102
Inter-orbital breadth	32	31	32	34	31	30
Orbito-nasal breadth	94	104	106	108	100	93
Orbito-nasal Arc	115	120	120	120	111	115
Nasal length	56	48	57	40	55	55
Nasal breadth	41	37	32	36	37	34
Nasal height or depth	24	18	21	20	24	27
Upper Facial length	67	60	65	52	65	72
Total Facial length	120	103	124	97	116	120
Hor. circ. of the head	570	560	575	555	540	545
Sagittal Arc	365	355	375	385	367	335
Transverse Arc	335	315	315	320	323	315

Serial No.

Locality.

Sub-caste.

81

Bhagalpur.

Parasar.

82

"

Vatsya.

83

"

"

84

"

Kashyap.

85

Santal Perga.

Sandilya.

86

Bhagalpur.

Vatsya.

87

"

Sandilya.

88

"

Parasar.

TABLE 80.
MAITHIL BRAHMINS OF BEHAR.

Measurements.

Shobhat Lal Misra.	Natha Jha.	Hera Lal Jha.	U; N. Jha.	Shiva Nandan Misra.	Muni Lal Chowdry.	Tej Narayan Misra.	Jagdish Jha.	Baldeo Misra.	Ananta Lal Jha.
87	88	89	90	91	92	93	94	95	96
38	33	39	38	31	45	48	20	27	36
1599	1677	1634	1604	1723	1537	1729	1679	1693	1685
1477	1545	1513	1457	1578	1406	1597	1552	1563	1553
122	132	121	147	145	131	132	127	130	132
190	192	185	190	193	200	197	197	202	203
150	142	143	141	153	146	143	144	145	150
104	114	107	112	114	106	108	107	112	107
132	134	127	133	130	134	134	137	137	134
100	94	95	100	94	94	90	97	100	100
30	30	30	33	31	31	30	30	32	32
100	100	91	106	104	96	91	100	100	105
111	120	112	120	120	120	111	115	120	115
44	55	56	53	54	44	52	50	50	52
32	36	31	35	37	37	35	33	36	37
21	22	24	23	24	20	20	22	22	21
56	60	65	62	65	65	65	60	65	62
114	103	117	120	113	103	120	120	120	120
555	555	530	555	565	557	550	557	585	575
355	345	345	355	395	335	355	345	365	370
325	320	320	315	335	315	329	325	335	325

Serial No.

Locality.

Sub-caste.

80

90

91

92

93

94

95

96

.

Bhagalpur.
 Darbhanga.
 Bhagalpur.
 Monghyr.
 Bhagalpur.
 "
 "
 "

Vataya.
 Sandilya.
 Vataya.
 "
 Parasar.
 Kashyap.
 Sandilya.
 Savarna.

TABLE 80.
MAITHIL BRAHMINS OF BEHAR.
Measurements.

Name.	Badri Narayan Sarma. 97	Prandhan Misra. 98	Muni Jha. 99	Kopeleswar Jha. 100	Tha-Bendewari Koor. 101	Monohar Jha. 102
Age	33	49	46	28	29	25
Stature	1659	1689	1585	1673	1830	1727
Height up to Tragus	1528	1551	1453	1538	1696	1589
Auricular height	131	138	132	135	134	138
Max. Head length	200	195	186	200	200	201
Max. Head breadth	144	153	143	140	140	156
Min. frontal breadth	108	111	111	111	112	112
Max. Bizygomatic breadth . .	134	135	137	132	137	142
Bigonial breadth	104	104	102	100	103	103
Inter-orbital breadth	30	30	30	30	33	33
Orbito-nasal breadth	100	97	98	100	105	111
Orbito-nasal Arc	120	111	111	115	120	125
Nasal length	52	51	52	52	49	52
Nasal breadth	40	36	40	35	41	37
Nasal height or depth	23	20	22	26	23	23
Upper Facial length	64	73	64	62	63	65
Total Facial length	118	120	116	117	118	124
Hor. circ. of the head	575	570	535	560	570	585
Sagittal Arc	365	375	345	345	365	365
Transverse Arc	325	333	305	325	335	335

Serial No.	Locality.	Sub-caste.
97	Monghyr.	Sandilya.
98	Bhagalpur.	"
99	Darbhanga.	Kashyap.
100	Bhagalpur.	Vatsya.
101	"	Sandilya.
102	"	Kashyap.
103	Monghyr.	Vatsya.
104	"	Paramar.

TABLE 80.

MAITHIL BRAHMINS OF BEHAR.

Measurements.

Name.	Nakehari Pathak. 113	Biswanath Thakoor. 114	Brij Mohan Jha. 115	Ucheewar Jha. 116	Muni Lal Jha. 117	Trith Narayan Jha. 118
Age	37	33	45	48	58	38
Stature	1738	1883	1648	1683	1637	1620
Height up to Tragus	1613	1753	1523	1546	1496	1465
Auricular height	125	130	125	137	141	155
Max. Head length	167	213	188	194	197	190
Max. Head breadth	150	145	135	148	145	144
Min. frontal breadth	107	114	107	103	111	104
Max. Bizygomatic breadth	136	143	130	133	130	142
Bigonial breadth	104	105	105	100	100	100
Inter-orbital breadth	30	33	30	30	33	28
Orbito-nasal breadth	92	106	101	102	104	92
Orbito-nasal Arc	115	125	120	120	120	120
Nasal length	42	60	56	60	54	64
Nasal breadth	36	37	35	40	40	37
Nasal height or depth	18	22	23	26	26	23
Upper Facial length	60	70	66	72	63	68
Total Facial length	111	136	111	124	115	120
Hor. circ. of the head	523	560	532	565	575	560
Sagittal Arc	345	370	335	365	345	355
Transverse Arc	285	345	315	310	315	315

Serial No.

Locality.

Sub-caste.

113

114

115

116

117

118

119

120

Darbhanga.

Bhagalpur.

"

"

"

"

"

"

Vataya.

Sandhya.

Kashyap.

Vataya.

"

Paramar.

Vataya.

"

TABLE 80.
MAITHIL BRAHMIN OF BEHAR.
Measurements.

Nageswar Jha (II).	Paramananda Jha.	Nilkanta Jha.	Dhree Nath Jha.	Kantan Jha.	Proja Pati Jha.	Sardhari Jha.	Har Lal Jha.	Keshab Lal Jha.	Satya Narayan Misra.
119	120	121	122	123	124	125	126	127	128
28	29	23	55	66	68	47	65	48	58
1599	1533	1750	1073	1071	1783	1568	1616	1683	1726
1473	1422	1636	1568	1538	1652	1438	1486	1548	1578
126	111	114	105	133	131	130	130	135	148
188	194	102	200	182	204	195	192	192	190
137	156	143	142	140	142	147	148	146	148
103	113	106	113	104	106	104	105	108	111
137	130	137	136	133	134	134	137	137	133
95	95	105	105	100	92	100	113	100	97
33	35	37	32	32	30	34	30	30	30
98	97	100	103	97	100	100	92	98	95
117	111	120	120	120	118	115	120	120	120
52	40	44	60	56	59	56	57	51	60
36	36	40	36	32	40	36	36	39	37
26	17	15	20	25	24	27	24	23	25
61	60	56	67	67	64	72	71	68	76
111	106	107	114	125	106	120	113	112	120
538	580	565	575	525	575	556	555	565	565
370	380	350	335	325	338	345	355	365	375
336	330	315	305	300	335	315	315	335	325

Serial No.

Locality.

Sub-caste.

121

122

123

124

125

126

127

128

Bhagalpur.

"

"

"

"

"

"

"

Kashyap.

"

"

"

"

"

"

Vatsya.

TABLE 80.
MAITHIL BRAHMINS OF BEHAR.
Measurements.

Name.	Prosed Krishna Misra. 129	Jugal Jha. 130	Adhik Lal Jha. 131	Darwari Jha. 132	Joy Krishna Misra. 133	Naraya Jha. 134
Age	39	26	28	50	32	49
Stature	1653	1651	1687	1645	1698	1558
Height up to Tragus	1537	1525	1563	1513	1562	1419
Auricular height	110	126	124	132	136	139
Max. Head length	176	185	190	196	200	204
Max. Head breadth	150	140	141	141	146	146
Min. frontal breadth	111	104	105	105	105	104
Max. Bizygomatic breadth . .	133	130	132	130	134	135
Bigonial breadth	96	95	95	97	105	105
Inter-orbital breadth	30	26	36	30	30	30
Orbito-nasal breadth	104	93	104	95	111	95
Orbito-nasal Arc	121	115	120	120	125	120
Nasal length	54	51	48	52	52	54
Nasal breadth	31	35	36	31	36	40
Nasal height or depth	22	24	18	23	25	22
Upper Facial length	65	62	56	63	68	65
Total Facial length	111	110	111	111	126	117
Hor. circ. of the head	445	527	545	555	563	575
Sagittal Arc	365	355	356	335	365	370
Transverse Arc	305	335	325	295	325	335

Serial No.

Locality.

Sub-caste.

129

130

131

132

133

134

135

136

. Bhagalpur.

. Monghyr.

. "

. Bhagalpur.

. Darbhanga.

. Bhagalpur.

. Darbhanga.

. Dumka.

Kashyap.

Vataya.

"

Kashyap.

"

Vataya.

"

Sandilya.

TABLE 80.
MAITHIL BRAHMIN OF BEHAR.
Measurements.

Gangadhar Jha.	Nakchedi Jha.	Rudra Narayan Jha.	Sachida Nanda Misra.	Nageswar Thakoor.	Ram Lal Jha.	Raghu Nath Ray.	Rameswar Thakoor.	Sadananda Jha.	Bombhola Jha.
135	136	137	138	139	140	141	142	143	144
51	42	20	36	32	42	27	33	22	42
1636	1699	1658	1643	1573	1745	1647	1678	1648	1681
1518	1573	1542	1506	1435	1603	1515	1550	1508	1548
118	126	116	137	138	142	132	128	140	133
190	182	187	200	191	190	180	190	183	180
144	150	146	152	132	143	144	138	144	145
111	108	112	111	104	105	108	108	107	111
134	132	135	133	126	133	133	133	133	133
95	107	100	100	103	94	95	93	100	100
26	30	31	34	30	25	35	31	32	30
94	97	97	104	95	98	104	92	101	97
115	115	120	125	120	120	115	120	120	115
51	54	47	52	50	45	46	50	45	54
40	36	35	37	34	40	30	32	33	40
20	20	16	22	16	17	20	21	18	23
70	64	62	64	63	61	56	63	60	62
118	106	112	117	114	111	111	103	106	121
545	537	550	580	540	550	540	545	558	552
345	355	380	375	340	355	375	345	370	380
295	300	315	355	315	305	312	310	300	312

Serial No.	Locality.	Sub-caste.
137	Bhagalpur.	Sandilya.
138	"	"
139	"	Katyayani.
140	Darbhanga.	Kashyap.
141	"	Gautam.
142	Bhagalpur.	Sandilya.
143	Darbhanga.	"
144	"	"

TABLE 80.
MAITHIL BRAHMINS OF BEHAR.
Measurements.

Name.	Golab Jha. 145	Rit Lal Thakoor. 146	Sankar Narayan Chowdry. 147	Gopal Misra. 148	Lakshan Lal Jha. 149	Sree Krishna Jha. 150
Age	39	55	25	22	24	30
Stature	1673	1558	1655	1615	1654	1728
Height up to Tragus	1540	1412	1527	1489	1519	1578
Auricular height	123	146	128	126	135	150
Max. Head length	183	184	180	197	185	190
Max. Head breadth	146	138	143	145	147	145
Min. frontal breadth	111	109	107	113	111	104
Max. Bizygomatic breadth . .	133	128	133	133	135	131
Bigonial breadth	102	92	95	90	105	96
Inter-orbital breadth	25	33	32	35	30	30
Orbito-nasal breadth	95	103	104	97	105	94
Orbito-nasal Arc	117	122	117	121	125	120
Nasal length	56	50	53	45	53	62
Nasal breadth	32	40	33	34	37	37
Nasal height or depth	21	26	20	20	20	26
Upper Facial length	67	63	65	62	61	71
Total Facial length	115	112	112	118	115	120
Hor. circ. of the head	543	532	530	558	553	560
Sagittal Arc	350	355	360	360	365	365
Transverse Arc	320	300	330	340	330	325

Serial No.

Locality.

Sub-caste.

145

146

147

148

149

150

151

152

. Darbhanga.

. Bhagalpur.

. Darbhanga.

. Bhagalpur.

. Darbhanga.

. Bhagalpur.

. "

. "

Sandilya..

"

Vatsya.

"

Kashyap.

Vatsya.

"

"

TABLE 80.
MAITHIL BRAHMIN OF BEHAR.*Measurements.*

Munshi Jha.	Jodish Jha.	Nageswar Jha.	Gori Lal Misra.	Sarup Lal Chow. dry.	Bhabat Jha.	Telok Nath Jha.	Kekoi Jha.	Jog Nath Jha.	Dhani Ojha.
151	152	153	154	155	156	157	158	159	160
58	43	30	22	23	31	53	52	38	60
1592	1594	1646	1605	1530	1539	1693	1578	1630	1659
1448	1450	1517	1468	1309	1423	1576	1447	1494	1511
144	135	129	137	131	116	117	131	142	148
179	197	194	182	193	193	192	183	186	195
155	141	139	139	146	138	153	143	145	150
100	105	100	98	108	103	111	106	105	106
133	137	136	128	133	134	138	140	135	132
96	104	93	90	97	100	100	103	97	96
28	31	30	26	31	33	31	33	30	32
91	110	93	92	94	97	95	100	98	93
118	125	115	111	115	120	120	120	117	120
60	53	50	51	50	53	52	52	50	60
42	38	30	35	35	36	38	40	40	33
20	21	18	20	21	22	25	22	20	22
73	61	62	61	60	62	71	62	61	63
118	116	115	112	111	111	118	113	111	115
535	565	555	537	555	548	563	530	540	560
350	350	340	365	365	370	380	370	370	360
305	325	305	305	313	315	320	315	330	330

Serial No.

Locality.

Sub-caste.

153

154

155

156

157

158

159

160

.

Bhagalpur.

"

"

"

"

"

"

"

Vataya.

Kashyap.

Bharadvaj.

Vataya.

"

"

"

"

TABLE 80.

MAITHIL BRAHMINS OF BEHAR.

Measurements.

Name.	Singeswar Misra. 161	Kun Kun Misra. 162	Ajab Lal Jha. 163	Dabab Lal Jha. 164	Ram Swarup Misra. 165	Chetdhar Narayan. 166
Age	55	48	49	39	28	32
Stature	1673	1666	1681	1609	1671	1670
Height up to Tragus	1554	1523	1547	1483	1541	1550
Auricular height	119	143	134	126	130	120
Max. Head length	190	201	190	183	184	197
Max. Head breadth	137	150	136	134	148	153
Min. frontal breadth	98	106	107	105	108	110
Max. Bizygomatic breadth	127	136	130	130	136	133
Bigonial breadth	92	104	95	105	105	101
Inter-orbital breadth	35	31	35	35	31	32
Orbito-nasal breadth	91	100	97	100	94	100
Orbito-nasal Arc	117	125	125	121	115	118
Nasal length	57	45	60	56	50	61
Nasal breadth	38	34	37	40	37	34
Nasal height or depth	26	20	22	21	20	18
Upper Facial length	73	56	64	65	55	68
Total Facial length	112	108	113	120	117	128
Hor. circ. of the head	540	583	545	537	545	560
Sagittal Arc	350	370	370	370	350	352
Transverse Arc	330	335	310	325	335	355

Serial No.

Locality.

Sub-caste.

161

Bhagalpur.

Parasar.

162

"

"

163

"

Vatsya.

164

Monghyr.

Kashyap.

165

Bhagalpur.

Vatsya.

166

"

Kashyap.

167

Monghyr.

Bharadwaj.

168

TABLE 80.

MAITHIL BRAHMIN OF BEHAR.

Measurements.

S. K. Jha.	Ram Swarup.	Mohendra Jha.	Joy Kanta Jha.	Surendra Nath Jha.	Madan Chowdry.	Shaschi Bhushan Lal Jha.	Jaya Kanta Misra.	Ram Righan Chowdry.	Sovan Pathak.
167	168	169	170	171	172	173	174	175	176
38	31	22	34	30	25	38	35	34	27
1624	1660	1695	1586	1590	1673	1610	1632	1682	1673
1500	1500	1570	1452	1466	1533	1485	1513	1564	1565
124	130	125	134	124	140	125	119	118	108
102	101	190	191	189	182	196	199	195	191
140	142	138	145	144	144	146	150	142	140
103	100	105	103	107	105	108	106	102	98
130	125	131	135	130	133	131	140	124	133
97	100	104	104	107	103	103	105	104	93
28	29	33	31	33	29	33	35	27	32
88	90	92	91	90	96	100	98	85	88
102	100	102	102	102	108	114	101	100	101
51	52	50	51	50	51	47	42	58	47
31	40	37	37	37	37	41	40	31	39
19	20	19	29	16	20	20	22	20	18
58	70	63	67	58	60	60	53	69	61
105	120	109	118	107	113	107	109	110	107
548	535	517	540	535	540	560	550	555	535
336	345	334	339	340	333	335	340	330	325
335	340	330	340	330	310	350	360	355	318

• Serial No.

Locality.

Sub-caste.

169	.	.	.	.	Darbhang.
170	.	.	.	.	"
171	.	.	.	.	"
172	.	.	.	.	"
173	.	.	.	.	"
174	.	.	.	.	"
175	.	.	.	.	"
176	.	.	.	.	Bhagalpur.

Sandilya.
 Kashyap.
 " "
 Sandilya.
 Kashyap.
 Vatsya.
 Kashyap.
 "

TABLE 80.
MAITHIL BRAHMINS OF BEHAR.
Measurements.

Name.	Ganga Jha. 177	Hari Krishnas Jha. 178	Rambhar Ojha. 179	Deoki Ojha. 180	Hriday Nath Misra. 181	Deb Narayan Ojha. 182
Age	25	22	55	38	40	..
Stature	1747	1721	1710	1623	1726	1782
Height up to Tragus	1623	1594	1586	1496	1610	1656
Auricular height	124	127	124	127	116	126
Max. Head length	195	192	193	174	191	195
Max. Head breadth	152	143	149	136	142	143
Min. frontal breadth	106	105	110	102	101	101
Max. Bizygomatic breadth . .	143	124	143	126	130	137
Bigonial breadth	97	96	101	111	104	100
Inter-orbital breadth	37	31	34	30	33	32
Orbito-nasal breadth	98	92	101	87	90	90
Orbito-nasal Arc	111	105	115	105	111	108
Nasal length	59	52	52	51	54	54
Nasal breadth	38	37	39	36	35	30
Nasal height or depth	25	22	21	21	24	22
Upper Facial length	73	93	60	60	68	70
Total Facial length	119	117	120	100	119	124
Hor. circ. of the head	560	555	555	515	523	536
Sagittal Arc	344	350	343	310	322	338
Transverse Arc	350	355	334	320	325	345

Serial No.

Locality.

Sub-caste.

177

178

179

180

181

182

183

Darbhanga.

Muzaffarpur.

Patna."

Monghyr.

Darbhanga.

Muzaffarpur.

Sandilya.

Bharadvaj.

Vatsya.

Sandilya.

Kashyap.

Vatsya.

Vatsya.

TABLE 80.
 MAITHIL BRAHMINS OF BEHAR.
Measurements.

Mahimar Jha. 183	Jachunandan Jha. 184	Tara Charan Jha. 185	Lakshmi Kantar Jha. 186	Hari Sankar Misra. 187	Raghu Nath Jha (II). 188	Pulkait Jha. 189	Gona Lal Jha. 190
37	55	25	40	22	25	28	55
1700	1515	1715	1667	1707	1640	1635	1658
1577	1391	1590	1545	1580	1505	1513	1533
123	124	125	122	127	135	122	125
187	182	195	177	183	182	196	191
140	148	148	155	158	145	138	148
105	103	99	106	111	103	103	108
132	130	120	130	138	130	133	142
97	95	106	101	100	98	95	112
35	31	36	31	37	34	33	33
97	101	98	98	94	93	86	96
115	110	116	110	105	113	108	112
52	42	49	55	55	48	51	61
42	39	36	38	37	38	35	40
18	20	18	21	18	14	18	23
64	51	62	62	62	61	65	65
111	114	112	120	115	106	115	117
533	545	540	545	540	521	540	555
338	315	362	350	350	355	332	340
347	335	359	310	330	343	355	333

Serial No.

Locality.

Sub-caste.

184 Muzaffarpur.
 185 " "
 186 Darbhanga.
 187 " "
 188 Muzaffarpur
 189 Darbhanga.
 190 "

Vatsya.
 Bharadvaj.
 Sandilya.
 Vatsya.
 "
 "
 Kashyap.

TABLE 81.

MAITHIL BRAHMINS OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

Serial No.	1	2	3	4	5	6	
Length-Breadth Index of the Head	80-10	73-33	76-17	70-19	74-21	72-82	1
Length-Height Index of the Head .	72-25	74-87	74-61	67-01	68-42	66-67	2
Breadth-Height Index of the Head	90-20	102-10	97-96	84-62	92-20	91-55	3
Trans. Fronto-Parietal Index .	72-55	73-43	70-75	73-72	68-79	78-17	4
Orbito-Nasal Index . . .	110-89	107-69	123-33	109-01	110-89	109-80	5
Nasal Index	70-59	72-55	64-00	74-07	67-31	62-96	6
Nasal elevation Index . . .	58-33	51-35	62-50	55-00	57-14	58-82	7
Upper Facial Index . . .	44-44	45-39	41-35	44-82	45-86	46-43	8
Total Facial Index . . .	78-52	85-82	84-21	80-69	83-46	80-00	9
Trans. Cephalo-Facial Index .	88-24	98-60	90-48	92-95	94-33	98-59	10
Vertical Cephalo-Facial Index .	76-81	82-88	77-78	88-64	85-38	86-15	11
Zygomatico-Frontal Index . .	82-23	74-47	78-20	79-31	72-93	79-29	12
Zygomatico-Mandibular Index .	82-96	74-47	84-21	79-31	78-20	75-00	13

TABLE 81.

MAITHIL BRAHMINS OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

	7	8	9	10	11	12	13	14	15	16
1	75-00	75-06	77-05	77-78	81-61	79-57	74-87	72-59	78-13	84-88
2	72-50	73-22	73-22	72-22	74-71	72-04	51-31	68-02	69-79	80-23
3	96-67	96-40	95-04	92-86	91-55	90-54	68-53	93-71	89-33	95-52
4	70-00	69-78	73-05	73-57	73-24	76-87	79-02	69-93	78-67	71-92
5	126-37	124-44	122-09	118-28	115-63	113-27	122-33	114-85	117-17	103-60
6	82-00	74-51	78-26	70-83	68-00	84-44	65-45	66-67	77-55	60-00
7	41-46	52-63	50-00	52-94	50-00	44-74	55-56	61-70	55-26	63-64
8	44-12	48-12	43-94	47-69	45-80	43-79	48-51	48-85	47-01	51-59
9	81-62	83-46	81-06	85-38	80-31	81-02	85-82	84-73	70-85	85-71
10	90-67	95-68	93-62	92-86	92-25	92-57	93-71	91-61	89-33	86-30
11	76-55	82-84	79-85	85-38	90-00	82-84	117-35	82-84	79-85	78-26
12	77-21	72-93	78-03	79-23	79-39	82-48	84-33	76-34	88-06	83-33
13	77-21	75-19	86-36	76-15	79-39	75-18	76-12	69-47	76-87	69-05

TABLE 81.

MAITHIL BRAHMINS OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

Serial No.	17	18	19	20	21	22	
Length-Breadth Index of the Head	84.92	76.84	75.96	76.44	80.63	77.47	1
Length-Height Index of the Head .	87.15	72.11	75.41	70.16	72.63	65.93	2
Breadth-Height Index of the Head	102.63	93.84	99.28	91.78	90.20	85.11	3
Trans. Fronto-Parietal Index .	76.32	76.03	74.82	73.97	70.59	78.72	4
Orbito-Nasal Index . . .	109.80	112.90	118.56	121.05	103.60	121.05	5
Nasal Index	84.00	76.00	64.20	66.67	75.47	75.93	6
Nasal elevation Index . . .	50.00	45.71	58.33	55.56	50.00	48.78	7
Upper Facial Index . . .	45.58	43.94	50.79	48.06	47.76	54.55	8
Total Facial Index . . .	83.09	87.88	82.54	77.52	86.57	87.12	9
Trans. Cephalo-Facial Index .	89.47	90.41	90.65	88.36	87.58	93.62	10
Vertical Cephalo-Facial Index .	72.44	84.67	75.36	74.63	84.06	95.83	11
Zygomatico-Frontal Index . .	85.29	84.09	82.54	83.72	80.60	84.09	12
Zygomatico-Mandibular Index .	77.94	77.27	76.98	76.74	83.58	84.85	13

TABLE 81.

MAITHIL BRAHMINS OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements

	23	24	25	26	27	28	29	30	31	32
1	73-58	76-92	74-61	74-75	74-74	76-60	75-79	72-97	78-49	74-00
2	58-33	70-26	67-36	63-37	70-00	78-72	73-68	60-54	70-43	66-84
3	78-87	91-33	90-28	84-77	93-66	102-78	86-11	82-96	89-73	90-21
4	78-17	74-00	72-02	69-54	72-54	72-22	77-08	82-22	76-71	77-62
5	100-90	119-35	121-05	125-00	105-00	100-90	123-66	116-67	123-33	114-27
6	61-11	72-22	73-08	71-43	66-67	60-34	66-67	57-41	67-31	57-63
7	72-73	53-85	60-53	57-50	60-00	62-86	64-71	64-52	57-14	58-82
8	48-15	51-56	43-85	51-13	53-03	54-02	47-37	50-40	50-78	48-85
9	82-22	86-72	74-62	77-44	92-42	89-23	83-46	89-60	86-72	85-50
10	95-07	85-33	90-28	83-08	92-96	90-28	92-36	92-59	87-67	91-61
11	99-11	81-02	74-62	80-47	91-73	78-38	89-52	100-00	84-73	86-82
12	82-22	86-72	80-77	78-95	78-03	80-00	83-46	88-80	87-50	84-73
13	83-70	79-69	77-69	81-95	78-79	70-00	78-95	75-20	74-22	76-34

TABLE 81.

MAITHIL BRAHMINS OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

Serial No.	33	34	35	36	37	38	
Length-Breadth Index of the Head	81.07	72.45	75.26	73.68	73.44	73.50	1
Length-Height Index of the Head .	70.50	63.27	63.16	70.00	71.35	65.00	2
Breadth-Height Index of the Head	93.33	87.32	83.92	95.00	97.16	88.44	3
Trans. Fronto-Parietal Index .	74.00	78.17	77.62	76.43	74.47	72.11	4
Orbito-Nasal Index | . . .	115.00	100.90	116.67	117.89	116.67	115.00	5
Nasal Index	59.65	81.25	63.64	54.55	68.00	70.18	6
Nasal elevation Index . . .	64.71	53.85	74.29	76.67	61.76	62.50	7
Upper Facial Index	47.10	46.15	52.85	48.12	45.80	46.76	8
Total Facial Index	77.54	89.23	92.68	92.48	89.31	84.89	9
Trans. Cephalo-Facial Index .	92.00	91.55	86.01	95.00	92.91	94.56	10
Vertical Cephalo-Facial Index .	76.43	93.55	95.00	92.48	85.40	90.77	11
Zygomatico-Frontal Index . .	80.43	85.38	90.24	80.45	80.15	76.28	12
Zygomatico-Mandibular Index . .	72.46	80.00	73.17	77.44	73.28	74.82	13

TABLE 81.

MAITHIL BRAHMINs OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

	39	40	41	42	43	44	45	46	47	48
1	75-79	77-55	79-01	74-60	83-05	68-97	76-96	86-71	69-89	77-37
2	71-58	74-49	74-59	68-25	70-62	65-02	67-54	68-79	70-43	65-70
3	94-44	96-05	94-41	91-49	85-03	94-29	87-76	79-33	100-77	85-03
4	74-31	73-03	73-43	76-60	72-70	70-20	73-47	70-67	79-23	75-51
5	123-33	121-05	127-77	116-67	114-43	103-00	123-66	116-16	119-79	121-05
6	62-26	66-67	62-07	68-00	64-81	64-81	65-38	68-63	71-15	78-43
7	66-67	63-16	66-67	61-76	60-00	48-57	64-71	57-14	50-46	50-00
8	43-75	57-94	47-69	48-80	48-80	47-69	45-52	44-70	52-38	47-73
9	85-16	96-83	83-08	86-40	84-00	81-54	85-07	81-06	92-86	87-12
10	88-89	82-89	90-91	88-65	85-03	92-86	91-16	88-00	96-92	80-80
11	80-15	83-56	80-00	83-72	84-00	80-30	88-37	80-92	80-31	92-00
12	83-59	88-10	80-77	86-40	85-60	85-38	80-60	80-30	81-75	84-09
13	72-44	79-37	73-08	77-60	76-06	75-38	68-66	72-73	84-13	71-97

TABLE 81.

MAITHIL BRAHMINS OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

Serial No.	49	50	51	52	53	54	
Length-Breadth Index of the Head	76.84	76.04	73.13	70.50	72.16	73.58	1
Length-Height Index of the Head .	71.05	66.67	62.69	64.00	67.01	73.58	2
Breadth-Height Index of the Head	92.47	87.67	85.71	90.78	92.86	100.00	3
Trans. Fronto-Parietal Index .	72.60	76.71	75.51	70.92	73.57	78.17	4
Orbito-Nasal Index . . .	121.05	103.00	111.00	120.65	121.98	128.26	5
Nasal Index	65.45	70.18	80.00	58.62	61.40	63.16	6
Nasal elevation Index . . .	55.56	50.00	52.50	70.59	60.00	58.33	7
Upper Facial Index . . .	54.48	51.88	45.86	61.29	60.00	50.77	8
Total Facial Index . . .	97.78	84.96	85.71	97.58	96.00	86.92	9
Trans. Cephalo-Facial Index . .	91.78	91.10	90.48	87.94	89.29	91.55	10
Vertical Cephalo-Facial Index .	94.07	88.28	90.48	94.53	92.31	79.58	11
Zygomatico-Frontal Index . .	79.10	84.21	83.46	80.65	82.40	85.38	12
Zygomatico-Mandibular Index .	78.36	71.43	72.03	74.19	76.00	72.31	13

TABLE 81.

MAITHIL BRAHMINS OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

	55	56	57	58	59	60	61	62	63	64
1	70-98	70-62	72-77	72-77	78-01	72-54	77-89	73-68	74-73	76-56
2	70-98	65-46	61-78	71-73	82-72	79-27	57-80	75-79	70-97	73-96
3	100-00	92-03	84-29	98-56	106-04	109-20	74-32	102-86	94-96	96-00
4	75-78	74-45	75-54	75-54	74-50	79-29	70-05	70-29	73-38	75-51
5	124-17	120-65	111-00	116-67	124-74	113-27	122-00	123-71	115-38	122-55
6	66-67	58-33	61-40	65-57	74-00	66-00	80-00	67-27	58-93	67-31
7	57-89	71-43	62-86	52-50	56-76	63-64	55-00	56-76	72-73	65-71
8	52-80	57-94	56-80	53-73	44-78	43-38	46-27	51-54	50-00	53-03
9	94-40	95-24	96-00	84-33	88-06	79-41	87-31	88-46	88-89	86-36
10	91-24	91-97	89-93	96-40	89-93	97-14	90-54	92-86	90-65	89-80
11	86-13	94-49	101-69	82-48	74-68	70-59	106-36	79-86	84-85	80-28
12	82-40	80-95	84-00	78-36	82-84	81-62	78-36	85-38	80-95	84-09
13	76-80	67-46	72-80	73-13	74-63	73-53	68-66	80-77	71-43	74-24

TABLE 81.

MAITHIL BRAHMINS OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

Serial No.	65	66	67	68	69	70	
Length-Breadth Index of the Head	76-56	87-10	72-93	69-74	72-97	81-01	1
Length-Height Index of the Head	50-90	69-90	72-38	65-64	61-62	67-60	2
Breadth-Height Index of the Head	78-23	84-57	90-24	94-12	85-07	83-45	3
Trans. Fronto-Parietal Index .	75-51	65-43	80-30	81-62	81-34	80-69	4
Orbito-Nasal Index. . . .	120-65	125-00	109-89	104-46	115-63	118-09	5
Nasal Index	68-00	58-33	71-11	62-50	67-92	57-14	6
Nasal elevation Index . . .	52-94	57-14	62-50	60-00	50-00	68-75	7
Upper Facial Index	50-00	53-85	42-31	52-24	48-46	50-00	
Total Facial Index	88-46	96-92	79-23	91-04	81-54	88-10	
Trans. Cephalo-Facial Index .	88-44	80-25	98-48	98-53	97-01	86-90	
Vertical Cephalo-Facial Index .	100-00	91-97	78-63	95-31	92-98	91-74	
Zygomatico-Frontal Index . .	85-38	81-54	81-54	82-84	83-85	92-86	
Zygomatico-Mandibular Index .	70-77	80-00	70-77	70-90	60-23	79-37	

TABLE 81.

MAITHIL BRAHMINS OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

	71	72	73	74	75	76	77	78	79	80
1	71-66	78-02	77-00	68-95	74-44	70-84	76-50	70-00	71-94	74-87
2	73-26	84-07	81-22	63-68	75-56	60-84	72-50	65-00	67-86	67-60
3	102-24	107-75	104-26	92-37	101-49	86-99	94-77	92-86	94-33	90-41
4	74-63	72-54	78-72	76-34	76-12	71-23	70-59	85-00	78-72	76-03
5	129-06	126-37	111-00	113-27	109-38	115-63	137-69	110-62	121-00	115-46
6	52-63	60-00	65-38	72-00	62-96	65-38	68-52	58-93	68-00	59-65
7	86-67	66-67	67-65	55-56	61-76	67-65	59-46	58-33	67-65	58-82
	53-85	50-00	46-15	45-45	50-00	46-92	50-37	46-71	49-62	49-24
	92-31	90-00	90-00	85-61	88-28	82-31	86-67	91-97	83-46	86-36
	97-01	91-55	92-20	99-24	95-52	89-04	88-24	97-86	94-33	90-41
	87-59	76-47	79-59	93-39	83-09	84-25	80-69	96-92	83-46	86-36
	76-92	79-23	85-38	76-92	79-69	80-00	80-00	87-50	83-46	84-09
	71-64	66-92	73-85	81-54	78-13	73-08	78-52	81-62	75-19	77-27

TABLE 81.

MAITHIL BRAHMINS OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

Serial No.	81	82	83	84	85	86	
Length-Breadth Index of the Head	69-12	71-00	80-73	77-95	70-98	72-11	1
Length-Height Index of the Head	68-63	63-00	73-96	78-46	68-39	65-26	2
Breadth-Height Index of the Head	99-29	88-73	91-61	100-66	96-35	90-51	3
Trans. Fronto-Parietal Index	74-47	78-17	67-74	77-63	75-18	75-91	4
Orbito-Nasal Index . . .	122-33	115-38	113-24	111-11	111-00	123-66	5
Nasal Index	73-21	77-08	56-14	90-00	67-27	61-82	6
Nasal elevation Index . . .	58-54	48-65	65-63	55-56	64-86	79-41	7
Upper Facial Index . . .	50-76	42-86	48-15	37-41	50-00	54-55	
Total Facial Index . . .	90-91	73-57	91-85	69-78	89-23	90-91	
Trans. Cephalo-Facial Index .	93-62	98-59	87-10	91-45	94-89	96-35	
Vertical Cephalo-Facial Index .	85-71	81-75	87-32	63-40	87-88	96-77	
Zygomatico-Frontal Index . .	79-55	79-29	77-78	84-89	79-23	78-79	
Zygomatico-Mandibular Index .	77-27	73-57	75-56	73-38	71-54	77-27	

TABLE 81.

MAITHIL BRAHMINS OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

	87	88	89	90	91	92	93	94	95	96
1	78-95	73-96	77-50	74-21	79-27	73-00	72-59	73-10	71-78	73-80
2	64-21	68-75	65-41	77-37	75-13	65-50	67-01	64-47	64-36	65-02
3	81-33	92-96	84-62	104-26	94-77	89-73	92-31	88-10	80-66	88-00
4	69-33	80-28	74-83	79-43	74-51	72-60	75-52	74-31	77-24	71-33
5	111-00	120-00	123-08	113-21	115-38	125-00	121-98	115-00	120-00	109-52
6	72-73	65-45	55-36	66-04	68-52	84-09	67-31	66-00	72-00	71-15
7	67-74	61-11	77-42	65-71	64-86	54-05	57-14	66-67	61-11	56-76
	42-42	44-78	51-18	46-62	50-00	48-51	48-51	43-79	47-44	46-27
	86-36	76-87	92-13	90-23	86-92	76-87	89-55	87-59	87-59	89-55
	88-00	94-37	88-81	94-33	84-07	91-78	93-71	95-14	94-48	89-33
	93-44	78-03	96-69	81-63	77-93	78-63	90-91	94-49	92-31	90-91
	78-79	85-07	84-25	84-21	87-69	79-10	80-60	78-10	81-75	79-85
	78-76	70-15	74-80	75-19	72-31	70-15	67-16	70-80	72-99	74-63

TABLE 81.

MAITHIL BRAHMINS OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

Serial No.	97	98	99	100	101	102	
Length-Breadth Index of the Head	72-00	78-46	76-88	70-00	70-00	77-61	1
Length-Height Index of the Head	65-50	70-77	70-97	67-50	67-00	69-00	2
Breadth-Height Index of the Head	90-97	86-93	92-31	90-43	95-71	88-46	3
Trans. Fronto-Parietal Index	75-00	72-55	77-02	79-29	80-00	71-79	4
Orbito-Nasal Index	120-00	114-43	113-27	115-00	114-29	112-61	5
Nasal Index	76-92	70-59	70-92	67-31	63-67	71-15	6
Nasal elevation Index	57-50	55-56	55-00	74-29	56-10	62-16	7
Upper Facial Index	47-76	54-07	46-71	46-97	45-98	45-77	
Total Facial Index	88-06	88-89	84-67	88-04	86-13	87-32	
Trans. Cephalo-Facial Index	93-06	88-24	95-80	94-29	97-86	91-03	
Vertical Cephalo-Facial Index	90-08	86-96	87-88	86-67	88-06	89-86	
Zygomatico-Frontal Index	80-60	82-22	81-02	84-09	81-75	78-87	
Zygomatico-Mandibular Index	77-61	77-04	74-45	75-76	75-18	73-54	

TABLE 81.

MAITHIL BRAHMINS OF BERAR.

Indices.

Arranged according to the order of the serial number of the measurements.

	103	104	105	106	107	108	109	110	111	112
1	76-34	76-84	77-00	89-00	82-02	71-58	78-95	72-96	78-00	77-84
2	61-29	74-74	71-04	71-10	67-98	70-53	73-68	70-41	76-00	67-57
3	80-28	97-26	91-55	79-35	82-88	98-53	93-33	96-50	97-44	86-81
4	70-42	71-23	71-83	67-10	72-60	77-21	72-00	74-83	71-15	74-31
5	119-35	115-00	119-35	121-05	112-90	117-00	111-00	112-75	120-00	115-38
6	63-46	64-00	71-74	64-81	60-00	62-75	62-50	76-92	68-63	72-00
7	66-67	75-00	63-64	68-57	46-07	59-38	71-43	60-00	65-71	69-44
	46-92	46-27	47-69	47-44	42-52	49-25	47-01	50-00	41-66	45-93
	87-69	86-57	91-54	87-59	78-74	82-84	81-34	88-57	79-17	84-44
	91-55	91-78	91-55	88-39	86-99	98-53	89-33	97-90	92-31	93-75
	100-00	81-69	91-54	97-56	82-64	82-84	77-86	89-86	75-00	91-20
	76-92	77-61	78-46	75-91	83-40	78-36	80-60	76-43	77-08	79-26
	64-82	70-15	72-31	79-10	76-38	76-12	70-15	71-43	72-22	72-59

TABLE 81.

MAITHIL BRAHMINS OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

Serial No.	113	114	115	116	117	118	
Length-Breadth Index of the Head	89-82	68-08	71-81	76-29	73-60	75-79	1
Length-Height Index of the Head	74-85	61-03	66-49	70-62	71-57	81-58	2
Breadth-Height Index of the Head	83-33	89-06	92-59	92-57	97-24	107-64	3
Trans. Fronto-Parietal Index	71-33	78-02	79-26	69-59	76-55	72-22	4
Orbito-Nasal Index . . .	125-00	117-92	118-81	117-65	115-38	130-43	5
Nasal Index	85-71	61-37	62-50	66-67	74-07	57-81	6
Nasal elevation Index . . .	50-00	59-46	65-71	65-00	65-00	62-16	7
Upper Facial Index . . .	44-12	48-95	50-77	54-14	48-46	47-88	
Total Facial Index . . .	81-62	95-10	85-38	93-23	88-46	84-51	
Trans. Cephalo-Facial Index	90-67	98-62	96-30	89-86	89-66	98-61	
Vertical Cephalo-Facial Index	88-80	104-62	88-80	90-51	81-56	77-42	
Zygomatico-Frontal Index . .	78-68	79-72	82-31	77-44	85-38	73-24	
Zygomatico-Mandibular Index	76-47	73-43	80-77	75-19	76-92	70-42	

TABLE 81.

MAITHIL BRAHMINS OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

	119	120	121	122	123	124	125	126	127	128
1	72.87	80.41	74.48	71.00	76.92	69.61	75.38	77.08	76.04	77.89
2	67.02	57.22	59.38	52.50	73.08	64.22	66.67	67.71	70.31	77.89
3	91.97	71.15	79.72	73.04	95.00	92.25	88.44	87.84	92.47	100.00
4	75.18	72.44	74.13	79.58	74.29	74.65	70.75	70.95	73.07	75.00
5	119.39	114.43	120.00	116.50	123.71	118.00	115.00	121.24	122.45	126.31
6	69.23	84.78	90.91	60.00	57.14	67.80	64.29	63.16	76.47	61.67
7	72.22	43.59	37.50	80.50	78.13	60.00	75.00	66.67	58.97	67.57
	44.52	40.15	40.88	49.26	50.38	47.76	53.73	51.82	49.03	57.14
	81.02	81.54	78.10	83.82	93.98	79.10	89.55	82.48	81.75	90.23
	100.00	83.33	95.80	95.77	95.00	94.37	91.16	92.57	93.84	89.86
	88.10	95.50	93.86	108.57	93.98	80.92	92.31	86.92	82.96	81.08
	75.18	86.92	77.37	83.09	78.20	79.10	77.61	76.64	78.83	83.46
	69.34	73.08	76.64	77.21	75.19	68.66	74.63	82.48	72.99	72.93

TABLE 81.

MAITHIL BRAHMINS OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

Serial No.	129	130	131	132	133	134	
Length-Breadth Index of the Head	85.29	75.08	74.21	71.94	73.00	71.57	1
Length-Height Index of the Head	65.91	68.11	65.26	67.35	68.00	68.14	2
Breadth-Height Index of the Head	77.33	90.00	87.94	93.62	93.15	95.21	3
Trans. Fronto-Parietal Index	74.00	80.00	79.55	80.77	78.36	77.04	4
Orbito-Nasal Index	116.34	123.66	115.38	126.31	112.61	126.31	5
Nasal Index	57.41	68.63	75.00	59.62	69.23	74.07	6
Nasal elevation Index	70.97	68.57	50.00	74.19	69.44	55.00	7
Upper Facial Index	48.87	47.69	42.42	48.46	50.75	48.15	8
Total Facial Index	83.46	84.62	84.09	85.38	94.03	86.67	9
Trans. Cephalo-Facial Index	88.67	92.86	93.62	92.20	91.78	92.47	10
Vertical Cephalo-Facial Index	95.09	87.30	89.52	84.09	92.65	84.17	11
Zygomatiko-Frontal Index	83.46	80.00	79.55	80.77	78.36	77.04	12
Zygomatiko-Mandibular Index	72.18	73.08	71.97	74.62	78.36	77.78	13

TABLE 81.

MAITHIL BRAHMIN OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

	135	136	137	138	139	140	141	142	143	144
1	75-79	82-42	78-07	76-00	69-11	75-26	80-00	72-63	78-69	80-56
2	62-11	69-23	62-03	68-50	72-25	74-74	73-33	67-37	76-50	73-89
3	81-94	84-00	79-45	90-13	104-55	99-30	91-67	92-75	97-22	91-72
4	82-84	81-82	82-96	83-46	82-54	78-95	81-20	81-20	80-45	83-46
5	122-33	118-56	123-71	120-19	126-31	122-44	110-58	130-43	118-81	118-56
6	78-43	66-67	74-47	71-15	68-00	88-89	65-22	64-00	73-33	74-07
7	50-00	55-56	45-71	59-46	47-06	42-50	66-67	65-63	54-55	57-50
8	52-24	48-48	45-93	48-12	30-00	45-86	42-11	47-37	45-11	46-62
9	88-06	80-30	82-96	87-97	90-48	83-46	83-46	77-44	79-70	90-98
2	93-06	88-00	92-47	87-50	95-45	93-01	92-36	96-88	92-36	91-72
1	100-00	84-13	96-55	85-40	82-61	78-17	84-09	80-47	75-71	90-98
	82-84	81-82	82-96	83-46	82-54	78-95	81-20	81-20	80-45	83-46
3	79-90	81-06	74-07	75-19	81-75	70-68	71-43	69-92	75-19	75-19

TABLE 81.

MAITHIL BRAHMINS OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

Serial No.	145	146	147	148	149	150	
Length-Breadth Index of the Head	70.78	75.00	70.44	73.60	79.46	76.32	1
Length-Height Index of the Head	67.21	70.35	71.11	63.96	72.97	78.95	2
Breadth-Height Index of the Head	84.25	105.80	89.51	80.90	91.84	103.45	3
Trans. Fronto-Parietal Index .	83.40	85.16	80.45	84.96	82.22	79.39	4
Orbito-Nasal Index . . .	123.15	118.44	112.50	124.74	119.05	127.65	5
Nasal Index	57.14	80.00	62.26	75.56	69.81	59.68	6
Nasal elevation Index . .	65.63	65.00	60.61	58.82	54.05	70.27	7
Upper Facial Index . . .	50.38	49.22	48.87	46.02	45.19	54.20	8
Total Facial Index . . .	86.47	87.50	84.21	88.72	85.19	91.60	9
Trans. Cephalo-Facial Index .	91.10	92.75	93.01	91.72	91.84	90.34	10
Vertical Cephalo-Facial Index .	93.50	76.71	87.50	93.65	85.19	80.00	11
Zygomatico-Frontal Index . .	83.46	85.16	80.45	84.96	82.22	79.39	12
Zygomatico-Mandibular Index .	76.69	71.88	71.48	67.67	77.78	73.28	13

TABLE 81.

MAITHIL BRAHMINS OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

	151	152	153	154	155	156	157	158	159	160
1	86-59	71-57	71-65	76-37	75-65	71-50	70-69	78-14	77-96	76-92
2	80-45	68-53	66-49	75-27	67-88	60-10	60-94	71-58	76-34	75-00
3	92-90	95-74	92-81	98-56	89-73	84-06	76-46	91-61	97-93	98-67
4	75-19	76-64	73-53	76-56	81-20	76-87	80-43	75-11	77-78	80-30
5	129-67	113-64	123-66	120-65	122-33	123-71	126-31	120-00	110-39	129-32
6	70-00	71-70	60-00	68-63	70-00	67-92	73-08	76-92	80-00	55-00
7	47-62	55-26	60-00	57-14	60-00	61-11	65-79	55-00	50-00	66-67
8	54-89	44-52	45-58	47-66	45-11	46-27	51-45	44-28	45-19	47-73
9	88-72	84-67	84-56	87-50	83-46	82-84	85-51	80-71	82-22	87-12
0	85-81	97-16	97-84	92-09	91-10	97-10	90-20	97-90	93-10	88-00
1	81-94	85-93	89-15	81-75	84-73	95-69	100-85	86-26	78-17	77-70
2	75-19	76-64	73-53	76-56	81-20	76-87	80-43	75-71	77-78	80-30
3	72-18	75-91	68-38	70-31	72-93	74-63	72-46	73-57	71-85	72-73

TABLE 81.

MAITHIL BRAHMINS OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

Serial No.	161	162	163	164	165	166	
Length-Breadth Index of the Head	72.11	74.63	71.58	73.22	80.43	77.66	1
Length-Height Index of the Head	62.63	71.14	70.53	68.85	70.65	60.91	2
Breadth-Height Index of the Head	86.86	95.33	98.53	94.03	87.84	78.43	3
Trans. Fronto-Parietal Index .	77.17	77.94	82.31	80.77	72.97	71.90	4
Orbito-Nasal Index . . .	128.57	125.00	128.86	121.00	122.34	118.00	5
Nasal Index	66.67	75.56	61.67	71.43	74.00	55.74	6
Nasal elevation Index . . .	68.42	58.82	59.46	52.50	54.05	52.94	7
Upper Facial Index . . .	57.48	41.18	49.23	50.00	40.44	51.13	8
Total Facial Index . . .	88.19	79.41	86.92	92.31	86.03	96.24	9
Trans. Cephalo-Facial Index .	92.70	90.67	95.59	97.01	91.89	86.93	10
Vertical Cephalo-Facial Index .	94.12	75.52	84.33	95.24	90.00	106.67	11
Zygomatico-Frontal Index . .	77.17	77.94	82.31	80.77	79.41	89.71	12
Zygomatico-Mandibular Index .	72.44	76.47	78.08	80.77	77.21	78.96	13

TABLE 81.

MAITHIL BRAHMINS OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

	167	168	169	170	171	172	173	174	175	176
1	72-92	74-35	72-63	75-92	76-19	79-12	74-40	75-38	72-82	73-30
2	64-58	68-06	65-79	70-16	65-61	76-92	63-78	59-80	60-51	56-54
3	88-57	91-55	90-58	92-41	86-11	97-22	85-62	79-33	63-10	77-14
4	73-57	70-42	76-09	71-03	74-31	72-92	73-97	70-67	71-83	70-00
5	115-91	111-11	110-87	112-09	113-33	122-50	114-00	103-06	117-65	114-77
6	60-78	76-92	74-00	72-55	74-00	72-55	87-23	95-34	53-45	82-98
7	61-29	50-00	51-35	78-38	43-24	54-05	48-78	55-00	64-52	46-15
8	44-62	56-60	48-00	49-63	44-62	45-11	45-80	37-85	55-65	45-86
9	80-77	96-00	83-21	87-41	82-31	84-33	81-68	77-86	88-71	80-45
0	92-86	88-63	94-93	93-10	90-28	92-36	89-73	93-33	87-32	95-00
1	84-68	92-31	87-90	88-06	86-29	80-71	85-60	91-60	93-22	99-07
2	79-23	80-00	80-15	76-30	82-31	78-95	82-44	75-71	82-26	73-68
3	74-62	80-00	79-30	77-04	82-31	77-44	78-63	75-00	83-87	69-92

TABLE 81.

MAITHIL BRAHMINS OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

Serial No.	177	178	179	180	181	182	
Length-Breadth Index of the Head	77.95	74.48	77.20	78.16	74.35	73.33	1
Length-Height Index of the Head	63.59	66.18	64.25	72.09	60.73	64.62	2
Breadth-Height Index of the Head	81.58	88.81	83.22	93.38	81.60	88.11	3
Trans. Fronto-Parietal Index	69.74	73.43	73.83	75.00	71.13	70.63	4
Orbito-Nasal Index	113.27	114.13	113.86	120.60	123.33	120.00	5
Nasal Index	64.41	71.15	75.00	70.59	64.81	55.56	6
Nasal elevation Index	65.79	59.46	53.85	58.33	68.57	66.67	7
Upper Facial Index	51.04	75.00	41.09	47.62	52.31	51.09	8
Total Facial Index	83.22	94.35	83.92	79.37	91.54	90.51	9
Trans. Cephalo-Facial Index	94.08	86.71	95.97	92.65	91.55	95.80	10
Vertical Cephalo-Facial Index	95.97	92.13	96.77	78.74	102.59	98.41	11
Zygomatico-Frontal Index	74.13	84.68	76.92	80.95	77.69	73.82	12
Zygomatico-Mandibular Index	67.83	77.42	70.63	88.10	80.80	72.99	13

TABLE 81.

MAITHIL BRAHMINS OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

	183	184	185	186	187	188	189	190
1	74.87	81.32	75.90	87.57	86.34	79.67	70.41	77.40
2	65.78	68.13	64.10	68.93	69.40	74.18	62.24	65.45
3	87.86	83.78	84.46	78.71	80.38	93.10	88.41	84.46
4	75.00	69.59	66.89	68.30	70.25	71.03	74.64	72.97
5	118.56	108.91	118.36	112.24	111.70	121.51	125.58	116.67
6	90.77	92.86	73.47	69.09	67.27	79.17	68.63	66.67
7	42.86	51.28	50.00	55.26	48.65	36.84	51.43	57.50
8	48.48	39.23	49.21	47.60	45.65	46.92	48.87	45.77
9	64.09	87.69	38.89	92.31	83.33	81.54	86.47	82.39
10	94.29	87.84	85.14	83.87	87.37	89.66	96.38	95.95
11	90.24	91.94	89.60	98.36	90.55	78.52	94.26	93.60
12	79.55	79.23	78.57	81.54	80.43	79.23	77.44	76.66
13	73.48	73.08	84.13	77.69	72.46	75.38	71.43	78.87

TABLE 82.

KANAUJIA BRAHMINS OF BEHAR.

Measurements.

Name.	Prosad Sital Pandey.	Prosad Lakshmi Tawari.	Prosad Indra Pandey.	Prosad Laxar Pandey.	Prosad Nandya Keshore Pandey.	Prosad Ramjetan Misra.
	1	2	3	4	5	6
Age	48	40	55	45	45	39
Stature	1675	1740	1680	1678	1609	1644
Height up to Tragus	1549	1599	1516	1539	1485	1525
Auricular Height	126	141	144	139	124	119
Max. Head length	201	200	191	200	190	184
Max. Head breadth	152	141	153	149	146	156
Min. Frontal breadth	109	106	105	105	113	113
Max. Bizygomatic breadth	137	133	141	137	135	145
Bigonial breadth	103	111	103	114	115	112
Inter-orbital breadth	27	27	30	31	30	32
Orbito-Nasal breadth	99	95	94	94	91	104
Orbito-Nasal Arc	125	111	125	115	115	113
Nasal length	55	48	52	54	55	53
Nasal breadth	36	39	36	30	39	41
Nasal height or Depth	19	13	27	22	21	20
Upper Facial length	69	61	65	64	67	70
Total Facial length	115	111	117	114	112	125
Hor. circ. of the head	560	555	557	565	555	545
Sagittal Arc	335	338	343	333	345	340
Transverse Arc	345	335	333	345	346	335

Serial No.

Locality.

Sub-caste.

1
2
3
4
5
6
7
8.
.
.
.
.
.
.
.Bhagalpur.
Monghyr.
Bhagalpur.
"
Gaya.
Bhagalpur
"Bandhab.
Sandilya.
Bandhab.
"
Parasa.
Sandilya.
Bharadwaj.
Sandilya.

TABLE 82.
KANAUJIA BRAHMIN OF BEHAR.

Measurements.

Regendra Misra.	Ram Narayan Tawari.	Mohan Ramoni Sukul.	Madhab Prosod Tawari.	Ram Sahai.	Chun Chann Prosod Tawari.	Jnanendra Prosod Chowdhury.	Narayan Panday.	Kara Lal Panday.	Deep Narayan Panday.
7	8	9	10	11	12	13	14	15	16
45	25	28	..	46	35	..	23	51	42
1643	1775	1795	1637	1623	1645	1570	1679	1563	1689
1506	1649	1660	1508	1467	1503	1444	1547	1458	1557
137	126	135	129	156	142	126	132	105	132
193	190	185	181	195	190	190	198	192	191
146	153	150	146	140	148	145	146	143	140
101	116	104	112	106	111	106	108	111	108
138	139	130	136	132	134	132	131	130	134
197	105	90	111	100	106	104	104	105	103
32	35	30	31	31	34	32	30	30	31
101	102	96	99	111	99	111	91	92	93
115	115	105	111	115	115	115	115	115	111
52	56	50	51	46	55	53	57	56	50
35	38	35	38	33	34	36	36	32	36
20	22	23	16	21	20	22	22	25	20
67	66	62	60	62	63	64	67	65	62
116	117	96	109	112	107	111	119	120	111
550	555	548	532	555	560	555	565	555	555
335	355	345	335	345	365	355	355	345	333
345	365	365	345	333	335	345	340	333	335

Serial No.	Locality.	Sub-caste.
9	Bhagalpur.	Garga.
10	"	Sandilya.
11	Unao.	Bharadvaj.
12	Bhagalpur.	Sandilya.
13	"	"
14	"	"
15	"	Bharadvaj.
16	"	Paramar.

TABLE 82.
KANAUJIA BRAHMIN OF BEHAR.

Measurements.

Name.	Reja Ram Pandey. 17	Band Narayan Pandey. 18	Raghunanda Pan- day. 19	Nagena Tawari. 20	Gobindra Misra. 21	Tarani Prosad Choby. 22
Age	55	32	28	39	33	49
Stature	1610	1718	1728	1700	1634	1566
Height up to Tragus	1457	1565	1587	1558	1508	1439
Auricular height	153	153	141	142	126	127
Max. Head length	176	194	180	193	192	175
Max. Head breadth	139	140	138	136	141	127
Min. Frontal breadth	107	111	111	111	111	97
Max. Bizygomatic breadth . .	132	131	130	132	131	121
Bigonial breadth	94	102	83	100	100	90
Inter-orbital breadth	31	27	33	31	31	30
Orbito-Nasal breadth	91	91	96	93	103	86
Orbito-Nasal Arc.	115	115	111	115	115	100
Nasal length	54	56	50	56	52	60
Nasal breadth	34	36	36	37	34	34
Nasal height or Depth	27	21	20	26	22	25
Upper Facial length	60	68	64	67	65	63
Total Facial length	107	111	111	113	108	106
Hor. circ. of the head	523	555	525	550	548	485
Sagittal Arc	325	345	345	335	345	325
Transverse Arc	320	325	330	315	320	295

Serial No.

Locality.

Sub-caste.

17

Bhagalpur.

Parasar.

18

"

"

19

"

Bandhab.

20

Muzaffarpur.

Vatsya.

21

Bhagalpur.

Basistha.

22

"

Kashyap.

23

Monghyr.

Vatsya.

24

Bhagalpur.

Sandilya.

TABLE 82.
KANAUJIA BRAHMINS OF BEHAR.

Measurements.

Sreedhar Panday.	Ram Narayan Tawari (II).	Prosod Kanta Panday.	Shamlal Keshon Panday.	Naraya Lalit Dobey.	Udit Narayad Panday.	Prosod Brahma Panday.	Prosod Harihar Dobey.	Nath Baijani Panday.	Jadiah Panday.
23	24	25	26	27	28	29	30	31	32
23	22	53	34	53	42	32	30	45	28
1723	1705	1552	1607	1688	1778	1679	1573	1699	1713
1593	1573	1432	1479	1548	1638	1549	1453	1579	1589
130	132	120	128	140	140	130	120	120	124
191	193	185	191	200	204	194	187	190	195
141	133	144	140	145	155	141	147	141	140
108	100	104	108	111	108	113	106	105	98
130	130	130	127	135	142	134	133	130	131
97	95	90	93	95	102	91	93	92	93
30	30	30	30	33	34	31	30	30	33
91	95	102	91	96	100	100	103	96	103
115	111	115	116	115	125	120	115	115	115
56	55	50	54	50	55	56	56	56	50
33	35	34	38	36	42	35	36	35	40
25	21	22	25	21	27	21	22	24	21
62	66	65	67	70	67	65	66	73	61
111	120	113	118	123	115	106	111	125	120
545	538	525	547	560	585	545	547	545	557
365	365	345	365	375	395	335	375	325	345
335	323	322	336	325	355	326	343	315	325

Serial No.

Locality.

Sub-caste.

25

26

27

28

29

30

31

32

. . . Bhagalpur.

. . . "

. . . "

. . . "

. . . "

. . . "

. . . Arrah.

. . . "

Parasar.

"

Jaimini.

Savarna.

"

Manava.

Sandilya.

Gautam.

TABLE 62.

KANAUJIA BRAHMINS OF BEHAR.

Measurements.

Name.	Lalji Tawri. 33	Protab Naraya- Pandey. 34	Prosed Setal Dobey. 35	Mohan Broja Pandey. 36	Nath Nagendra Pandey. 37	Mohan Brojo Dobey. 38
Age	33	30	22	70	24	52
Stature	1646	1643	1667	1685	1634	1691
Height up to Tragus	1525	1516	1555	1578	1521	1586
Auricular height	121	127	112	107	113	105
Max. Head length	190	186	202	190	183	194
Max. Head breadth	151	140	135	145	137	137
Min. Frontal breadth	109	111	100	105	106	98
Max. Bizygomatic breadth . .	137	132	126	137	132	129
Bigonial breadth	96	100	95	112	90	90
Inter-orbital breadth	28	30	30	30	32	30
Orbito-Nasal breadth	107	92	93	95	98	88
Orbito-Nasal Arc	121	111	103	112	111	105
Nasal length	51	56	54	55	50	56
Nasal breadth	36	36	33	41	38	30
Nasal height or Depth	24	21	25	25	22	27
Upper Facial length	63	70	63	73	61	67
Total Facial length	120	118	113	115	106	111
Hor. circ. of the head	573	547	550	548	525	540
Sagittal Arc	355	356	355	350	335	345
Transverse Arc	320	315	345	345	305	320

Serial No.

Locality.

Sub-caste.

33

34

35

36

37

38

39

40

. Chapra.
. Bhagalpur.

. "
. "
. "
. "
. "

Sandilya.
Savarna.
Kashyap.
Savarna.
"
Kashyap.
Garga.

TABLE 82.

KANAUJIA BRAHMINS OF BEHAR.

Measurements.

Golepi Sukul.	Pashupati Nath Panday.	Kolih Nath Dobey.	Hari Dobey.	Basaki Prosad Sukul.	Chandra Prosad Dobey.	Kuldeep Prosad Dobey.	Gobinda Prosad Panday.	Murli Mohan Sukul.	Upendra Mohan Sukul.
39	40	41	42	43	44	45	46	47	48
45	60	53	42	39	30	29	20	22	27
1563	1638	1550	1523	1605	1557	1579	1666	1719	1717
1456	1497	1408	1406	1496	1429	1432	1532	1577	1586
107	141	142	117	109	128	147	134	142	131
193	198	184	185	190	190	181	196	186	197
142	143	143	135	140	132	141	143	144	145
106	104	104	103	105	100	104	103	103	112
132	130	132	134	132	123	133	130	134	143
101	101	102	96	95	92	92	91	91	103
30	31	30	30	30	28	29	30	30	33
96	100	94	95	97	91	95	95	101	108
115	120	111	115	111	105	111	112	115	120
52	51	51	52	49	50	52	46	54	47
32	37	40	34	34	36	33	36	33	36
23	25	22	24	23	20	20	20	20	23
67	62	65	67	63	61	64	55	60	64
123	127	111	114	113	100	106	106	120	114
547	560	545	532	555	540	530	559	535	570
355	365	345	340	345	325	335	350	365	353
335	335	305	305	325	300	315	330	335	350

Serial No.

Locality.
Bhagalpur.Sub-caste.
Kashyap.

41

42

43

44

45

46

47

48

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

.

TABLE 82.

KANAUJIA BRAHMINs OF BEHAR.

Measurements.

Name.	Chakradhar Pandey. 49	Bholanath Pandey. 50	Sukdip Narayan Pandey. 51	Surendra Mohan Pandey. 52	Joydeb Narayan Pandey. 53	Baldeo Narayan Pandey. 54
Age	22	27	22	32	25	29
Stature	1569	1783	1668	1763	1613	1602
Height up to Tragus . . .	1441	1647	1517	1623	1486	1465
Auricular Height	128	136	151	140	127	137
Max. Head length	178	197	187	192	187	173
Max. Head breadth	142	137	150	152	147	142
Min. Frontal breadth . . .	106	104	111	113	102	113
Max. Bizygomatic breadth .	133	130	140	142	132	135
Bigonial breadth	97	90	106	111	100	105
Inter-orbital breadth . . .	30	30	31	32	30	30
Orbito-Nasal breadth . . .	98	104	111	103	95	98
Orbito-Nasal Arc	115	120	120	120	120	115
Nasal length	54	56	50	50	50	50
Nasal breadth	35	35	35	36	31	35
Nasal height or Depth . . .	21	25	20	21	25	22
Upper facial length	63	67	61	65	67	59
Total Facial length	115	120	111	111	117	111
Hor. circ. of the head . . .	520	560	555	570	545	518
Sagittal Arc	340	365	355	365	355	335
Transverse Arc	315	337	325	335	315	300

Serial No.

Locality.

Sub-caste.

49

Bhagalpur.

Savarna.

50

"

"

51

"

"

52

"

"

53

"

"

54

"

"

55

"

"

56

"

"

TABLE 82.
KANAUJIA BRAHMINS OF BEHAR.

Measurements.

Debendra Nath Panday.	Narain Lal Panday.	Baleswar Panday.	Bachho Lal Panday.	Seah Nath Panday.	Chandra Mohan Panday.	Chandi Lal Panday.	Krishna Prasad Panday.	Raj Nath Panday.	Bidda Prasad Panday.
55	56	57	58	59	60	61	62	63	64
29	46	53	43	55	42	36	45	40	27
1645	1588	1513	1674	1730	1686	1626	1538	1573	1531
1525	1466	1389	1543	1617	1556	1495	1424	1433	1415
120	122	124	131	119	130	131	114	140	116
186	188	172	190	187	182	179	180	180	177
147	142	142	137	146	147	139	144	142	152
111	111	100	106	100	105	113	106	104	111
135	132	127	124	130	134	132	138	136	138
100	106	90	95	90	95	93	95	92	85
31	30	25	30	30	30	30	24	27	25
111	96	86	95	94	96	95	92	98	97
120	115	105	105	112	120	120	111	119	115
55	50	56	52	50	55	42	56	53	52
37	36	32	32	32	35	36	30	33	30
25	20	20	21	20	20	20	23	25	22
62	65	64	68	63	66	65	63	67	63
114	114	118	115	111	106	106	117	114	113
550	548	521	547	533	555	525	546	525	538
345	365	315	350	335	355	335	333	355	345
326	315	300	315	325	325	305	305	303	303

Serial No.

Locality.

Sub-caste.

57

58

59

60

61

62

63

64

. . . .

. . . .

. . . .

. . . .

. . . .

. . . .

. . . .

. . . .

Bhagalpur.

"

"

"

"

"

"

"

Parasar.

Savarna.

"

"

"

Parasar.

"

"

TABLE 82.

KANAUJIA BRAHMINS OF BEHAR.

Measurements.

Name.	Hriday Narayan Dobey.	Bhajan Lal Chow- dry.	Golbi Nath Pandey.	Upendra Nath Pan- day (II).	Ajodhya Prosad Pandey.	Narasingh Prosad Pandey.
	65	66	67	68	69	70
Age	30	49	62	49	52	31
Stature	1613	1693	1627	1633	1686	1755
Height up to Tragus	1475	1578	1478	1513	1535	1613
Auricular Height	138	115	149	120	151	142
Max. Head length	185	187	187	197	171	192
Max. Head breadth	137	143	154	140	146	150
Min. Frontal breadth	105	104	118	97	105	111
Max. Bizygomatic breadth . .	128	131	140	131	136	136
Bigonial breadth	90	103	108	90	95	104
Inter-orbital breadth	30	31	32	30	29	30
Orbito-Nasal breadth	96	93	103	95	97	102
Orbito-Nasal Arc	115	115	128	120	112	120
Nasal length	50	54	53	51	55	54
Nasal breadth	34	33	40	33	37	33
Nasal height or Depth	20	21	20	20	22	20
Upper Facial length	65	65	61	64	65	65
Total Facial length	114	120	104	122	107	113
Hor. circ. of the head	530	555	558	547	513	558
Sagittal Arc	365	335	375	360	355	365
Transverse Arc	325	325	325	320	275	315

Serial No.

Locality.

Sub-caste.

65

Bhagalpur.

Kashyap.

66

"

"

67

"

Bandhab.

68

"

"

69

"

"

70

"

"

71

"

Manshya.

72

"

Gautam.

TABLE 82.

KANAUJIA BRAHMINS OF BEHAR.

Measurements.

Ajodhya dry (II).	Chow.	R u P Narayan Upadhyay.	Prosad Thakoor Panday.	Prosad Banaroshi Prosad.	Prosad Gauri Panday.	Keshore Nando Panday.	Narayan Lachmon Panday.	Prosad Krishna Panday.	Prosad Bhagabat Panday.	Prosad Basudeb Panday.
71	72	73	74	75	76	77	78	79	80	
49	39	48	38	24	23	21	48	46	31	
1765	1705	1636	1636	1702	1636	1645	1584	1581	1786	
1618	1568	1518	1505	1568	1523	1518	1458	1456	1664	
147	137	118	131	134	113	127	126	125	122	
202	190	186	108	190	192	191	193	194	192	
137	152	140	138	140	147	141	146	142	138	
106	104	102	111	107	113	106	104	111	102	
130	135	128	133	130	133	126	135	137	133	
100	100	98	106	100	93	95	92	103	103	
33	30	26	30	30	32	29	30	30	31	
96	111	91	112	90	101	93	98	95	100	
121	120	118	120	111	112	106	120	115	111	
61	51	54	54	54	54	51	56	54	53	
36	34	33	30	33	32	34	33	37	30	
23	22	26	22	22	22	20	26	22	22	
70	61	68	66	61	67	62	66	63	60	
120	118	117	120	116	125	106	123	112	116	
575	560	555	567	553	555	545	556	565	552	
370	370	335	355	340	365	365	345	350	350	
355	320	315	330	333	305	325	313	333	300	

Serial No.

Locality.

Sub-caste.

73

74

75

76

77

78

79

80

Bhagalpur.

"

"

"

"

"

"

"

Bandhab.

Kashyap.

Bandhab.

"

"

"

"

"

TABLE 82.

KANAUJIA BRAHMINS OF BEHAR.

Measurements.

Name.	Mahadeo Lal Pandey.	Ganeshwar Pandey.	Mahabir Pandey.	Teebani Pandey.	Seah Nath Pandey (II).	Maridhar Pandey (II).
	81	82	83	84	85	86
Age	28	38	31	33	53	25
Stature	1659	1581	1731	1635	1683	1660
Height up to Tragus	1529	1478	1583	1496	1544	1546
Auricular height	130	103	148	139	139	114
Max. Head length	187	190	196	194	197	196
Max. Head breadth	137	135	137	150	146	142
Min. Frontal breadth	103	100	104	108	114	105
Max. Bizygomatic breadth	134	128	130	138	134	133
Bigonial breadth	98	86	96	96	164	106
Inter-orbital breadth	30	32	30	31	34	31
Orbito-Nasal breadth	95	90	92	94	102	105
Orbito-Nasal Arc	115	105	115	120	133	122
Nasal length	56	52	50	50	55	56
Nasal breadth	40	31	31	37	36	35
Nasal height or Depth	22	18	21	21	24	22
Upper Facial length	63	62	61	62	64	66
Total Facial length	114	111	114	114	118	122
Hor. circ. of the head	555	543	556	563	556	565
Sagittal Arc	335	345	375	385	360	360
Transverse Arc	325	300	325	325	305	320

Serial No.

Locality.

Sub-caste.

81

Bhagalpur.

Bandhab.

82

"

"

83

"

"

84

"

"

85

Monghyr.

Vatya.

86

"

"

87

"

Gautam.

88

"

Sandilya.

TABLE 82.
KANAUJIA BRAHMINS OF BEHAR.

Measurements.

Raghubir Misra. 87	Narayan Tewari. 88	S h i b Narayan Panday. 89	Satish Chandra Chowdry. 90	Chun Chun Lal Dobey. 91	Murli Prosad Chow- dry. 92	Dhaneswar Prosad Chowdry. 93	Sital Chowdry. 94	Butar Panday. 95	Gobindo Sukul. 96
38	33	27	30	28	32	25	26	37	30
1536	1612	1678	1712	1686	1703	1646	1605	1567	1660
1408	1483	1547	1577	1543	1578	1529	1483	1432	1533
128	129	131	135	143	125	117	122	135	136
192	198	186	183	191	203	161	185	190	188
143	135	147	144	140	146	132	146	132	144
103	105	118	111	113	114	102	106	97	107
130	130	136	133	133	141	123	130	120	131
86	* 94	94	100	95	111	103	101	92	92
31	30	35	32	35	33	35	30	30	30
94	97	106	101	116	103	97	98	91	91
117	120	125	125	120	125	111	120	117	120
53	50	50	52	51	52	55	45	55	51
35	34	32	35	36	43	33	33	32	31
21	20	23	23	21	23	20	28	20	18
61	64	60	60	56	68	63	60	70	68
112	120	111	105	103	115	104	100	112	118
540	550	548	540	550	580	463	548	525	545
385	350	365	365	355	365	315	365	335	355
320	350	325	310	320	330	285	310	325	325

Serial No.

Locality.

Sub-caste.

89	.	.	.	.	Bhagalpur.	Savarna.
90	.	.	.	.	"	Bandhab.
91	.	.	.	.	"	Kashyap.
92	.	.	.	.	"	Sandilya.
93	.	.	.	.	"	Manava.
94	.	.	.	.	"	Sandilya.
95	.	.	.	.	"	Bharadvaj.
96	.	.	.	.	"	Gorga.

TABLE 82.

KANAUJIA BRAHMINS OF BEHAR.

Measurements.

Name.	Jogdish Panday. 97	Chunchu Panday (II). 98	Ram Prosad Chow- dry. 99	Jadu Nandan Tewari. 100	Chaturbhuj Dobey. 101	Shoolobhan Panday. 102
Age	24	31	25	34	46	25
Stature	1638	1543	1649	1742	1595	1626
Height up to Tragus	1506	1393	1513	1610	1440	1510
Auricular height	132	150	136	132	155	116
Max. Head length	175	189	190	189	200	191
Max. Head breadth	145	138	143	150	150	142
Min. Frontal breadth	106	103	106	107	101	103
Max. Bizygomatic breadth . .	138	128	133	137	133	136
Bigonial breadth	105	94	102	108	102	95
Inter-orbital breadth	31	30	28	34	32	36
Orbito-Nasal breadth	100	90	95	98	90	90
Orbito-Nasal Arc	115	117	111	113	102	110
Nasal length	51	44	51	51	48	56
Nasal breadth	32	28	37	37	40	33
Nasal height or Depth	20	16	22	19	16	19
Upper Facial length	62	60	60	65	56	61
Total Facial length	113	118	108	119	109	114
Hor. circ. of the head	543	540	543	565	560	537
Sagittal Arc	345	330	345	335	350	325
Transverse Arc	310	330	315	370	360	340

Serial No.

Locality.

Sub-caste.

97	Bhagalpur.	Kashyap.
98	"	Sandilya.
99	"	Katyayani.
100	Patna.	"
101	Muzaffarpur.	Gaditam.
102	Gaya.	Kashyap.
103	Patna.	Krishna.
104	Arrah.	Bharadvaj.

TABLE 82.
KANAUJIA BRAHMINS OF BEHAR.
Measurements.

Prabhu Chambe.	Nulibaran Pandey.	Mahes Tewari.	Lalji Mirc.	Mohes Dutt Chowdry.	Randhoni Tewari.	Satyanarayan Upadhyay.	Pares Tewari.	Deo Nath Upadhyay.	Rajdeo Ojha.
103	104	105	106	107	108	109	110	111	112
55	38	27	45	36	35	35	24	35	40
1644	1597	1597	1565	1721	1740	1706	1720	1636	1635
1505	1480	1475	1410	1593	1625	1565	1614	1520	1514
139	117	122	155	133	115	141	106	116	121
192	181	182	185	171	192	196	183	186	197
155	138	138	144	141	148	147	134	138	141
111	100	106	100	103	101	104	103	96	100
138	134	132	126	126	130	129	126	130	136
107	98	105	100	95	106	105	103	94	103
30	32	34	29	32	30	29	30	31	34
111	87	97	81	91	91	93	85	88	93
111	104	108	95	105	101	111	100	99	112
54	41	44	40	53	51	56	47	57	51
33	34	38	34	37	30	38	37	36	35
23	20	19	18	21	20	19	17	21	19
67	47	51	59	66	55	73	61	61	60
120	92	94	105	115	106	132	116	113	119
562	522	527	527	510	550	560	520	525	550
355	335	340	325	320	335	361	312	330	335
350	345	350	337	319	342	315	330	341	356

Serial No.	Locality.	Sub-caste.
105	Bhagalpur.	Sandilya.
106	Chapra.	Vatsya.
107	Arrah.	Bharadvaj.
108	"	Basistha.
109	"	Gritaya.
110	Gaya.	Sandilya.
111	"	Bharadvaj.
112	"	Parasur.

TABLE 82.

KANAUJIA BRAHMINS OF BEHAR.

Measurements.

Name.	Nanda Prosad Ojha. 113	Jageswar Pandey. 114	Shoorakhan Tewari. 115	Sheo Sethar Pandey 116	Ranjait Tewari. 117	Raghob Dobey. 118
Age	22	39	32	70	33	27
Stature	1550	1651	1675	1622	1659	1725
Height up to Tragus	1470	1544	1550	1510	1535	1603
Auricular height	89	107	125	112	124	122
Max. Head length	185	186	197	185	177	197
Max. Head breadth	139	134	139	141	136	148
Min. Frontal breadth	105	102	95	101	98	102
Max. Bizygomatic breadth . .	128	126	123	127	120	118
Bigonial breadth	90	96	95	108	95	100
Inter-orbital breadth	31	31	27	32	29	35
Orbito-Nasal breadth	80	87	85	84	89	94
Orbito-Nasal Arc	104	105	105	102	108	123
Nasal length	47	53	46	54	54	55
Nasal breadth	37	37	36	37	33	37
Nasal height or Depth	18	19	15	24	19	23
Upper Facial length	59	63	61	66	63	67
Total Facial length	107	115	112	118	121	113
Hor. circ. of the head	523	530	545	535	506	550
Sagittal Arc	343	312	325	322	320	348
Transverse Arc	338	325	355	333	324	345

Serial No.

Locality.

Sub-caste.

113	Arrah.	Kashyap.
114	"	Bharadvaj.
115	"	Savarna.
116	"	Vatsya.
117	Bhagalpur.	Sandilya.
118	Patna.	Upaman.
119	"	"
120	Arrah.	Gorga.

TABLE 82.
KANAUJIA BRAHMS OF BEHAR.
Measurements.

Ganga Prosad Dobei.	Jogeswar Sukul.	Soojit Upadhyay.	Ram Misra.	Ramanuj Sarma.	Narsing Dobei.	Binda Misra.	Radha Mohan Ojha.	Chotan Ojha.	Chandrika Prosad Misra.
119	120	121	122	123	124	125	126	127	128
28	..	22	30	25	35	50	27	54	22
1685	1694	1616	1693	1767	1626	1735	1660	1720	1641
1554	1580	1491	1570	1630	..	1600	1525	1593	1515
131	114	125	123	137	..	135	135	127	126
196	183	190	182	195	186	191	191	183	185
153	134	141	145	142	143	135	133	144	148
104	101	102	105	101	103	101	105	107	100
126	125	128	127	137	132	132	123	132	124
100	101	101	101	105	102	107	102	104	100
33	31	31	31	34	30	31	31	26	27
92	91	90	82	94	90	85	94	92	85
109	107	107	101	112	107	102	102	110	96
53	52	47	50	59	56	54	55	56	48
36	35	34	31	37	34	33	34	37	30
21	21	20	23	20	20	17	25	23	17
65	64	53	61	71	70	63	65	67	61
119	117	115	109	120	121	117	117	126	100
555	535	545	541	546	545	535	535	540	519
362	316	350	360	353	357	360	335	351	342
345	335	357	367	373	344	363	350	330	334

Serial No.

Locality.

Sub-caste.

121	.	.	.	.	.	Arrah.	Kashyap.
122	.	.	.	.	.	Darbhang.	Savarna.
123	.	.	.	.	.	Patna.	Kashyap.
124	.	.	.	.	.	Muzaffarpur.	Bharadvaj.
125	.	.	.	.	.	"	Savarna.
126	.	.	.	.	.	"	Kashyap.
127	.	.	.	.	.	"	"
128	.	.	.	.	.	"	Savarna.

TABLE 82.

KANAUJIA BRAHMIN OF BEHAR.

Measurements.

Name.	Chatokdhari Tewari.	Seeprosad Panday.	Jnaneswar Tewari.	Sitaram Panday.	Tribeni Panday.	Deodhari Upadhyay.
	129	130	131	132	133	134
Age	52	26	22	28	24	34
Stature	1680	1650	1599	1581	1741	1592
Height up to Tragus	1560	1510	1475	1470	1620	1474
Auricular height	120	140	124	111	121	118
Max. Head length	102	180	191	178	172	188
Max. Head breadth	144	138	149	151	139	144
Min. Frontal breadth	107	96	101	101	104	127
Max. Bizygomatic breadth	132	125	128	127	122	138
Bigonial breadth	105	92	98	107	95	106
Inter-orbital breadth	32	32	31	30	24	30
Orbito-Nasal breadth	92	83	97	95	90	88
Orbito-Nasal Arc	105	96	105	114	110	100
Nasal length	54	52	51	45	55	50
Nasal breadth	34	34	31	36	32	36
Nasal height or Depth	19	19	20	18	16	17
Upper Facial length	72	67	60	53	64	60
Total Facial length	128	118	117	102	112	112
Hor. circ. of the head	550	520	540	545	503	540
Sagittal Arc	320	341	350	345	340	320
Transverse Arc	354	336	345	354	319	332

Serial No.

Locality.

Sub-caste.

129

Arrah.

Kashyap.

130

"

Parasar.

131

Darbhanga.

Savarna.

132

Muzaffarpur.

Bharadvaj.

133

"

Kashyap.

134

"

Parasar.

135

"

Bharadvaj.

136

"

Kashvan.

TABLE 82.

KANAUJIA BRAHMINS OF BEHAR.

Measurements.

Rambandhu Pandey.	Lakshmi Upadhyay.	Amir Pandey.	Sreerang Pandey.	Chandra Keshov Pandey.	Boneswar Ojha.	Lal Behari Pandey.	Jhalak Pandey.	Shivadra Misra.	Tarakswar Prosad Tewari.
135	136	137	138	139	140	141	142	143	144
36	23	22	23	26	41	32	43	39	28
1670	1630	1593	1720	1692	1651	1590	1620	1705	1656
1549	1513	1479	1600	1570	1540	1473	1500	1580	1524
121	137	114	120	122	111	117	120	125	132
192	181	181	192	195	190	184	183	204	187
147	151	158	141	152	149	148	139	151	135
107	115	104	109	106	105	110	98	108	103
128	131	130	125	140	129	133	123	140	130
103	104	105	97	110	90	116	105	118	95
30	35	34	34	34	30	32	27	34	31
95	98	93	97	97	94	101	90	97	91
105	122	111	119	116	110	110	100	105	110
52	53	48	53	51	51	52	50	52	51
33	34	35	40	38	36	32	35	38	31
21	16	14	22	18	19	21	21	21	20
62	58	63	67	65	65	68	56	68	70
120	112	110	113	121	115	117	110	122	123
530	543	529	545	553	534	540	522	570	550
350	342	346	352	354	354	340	320	335	340
355	331	339	345	365	372	333	330	360	350

Serial No.

Locality.

Sub-caste.

137	Muzaffarpur.	Bharadvaj.
138	Chapra.	"
139	Muzaffarpur.	"
140	"	Kashyap.
141	"	Bharadvaj.
142	Gaya.	Vatsya.
143	Arrah.	Gautam.
144	Patna.	Vatsya.

TABLE 82.

KANAUJIA BRAHMINS OF BEHAR.

Measurements.

Name.	Jadu Nandan Pandey.	Gaya Pandey.	Chandra Keshore Sukul.	Jamuna Tewari.	Deokinandan.	Basdeo Pethak.
	145	146	147	148	149	150
Age	26	22	25	35	70	35
Stature	1615	1735	1610	1610	1695	1580
Height up to Tragus	1484	1600	1460	1469	1570	1459
Auricular height	131	135	150	151	125	121
Max. Head length	183	181	181	191	183	184
Max. Head breadth	143	148	151	141	151	143
Min. Frontal breadth	100	105	103	105	105	100
Max. Bizygomatic breadth . .	132	137	125	132	131	132
Bigonial breadth	94	100	94	102	101	110 ^s
Inter-orbital breadth	28	30	29	33	31	31
Orbito-Nasal breadth	88	89	90	92	87	90
Orbito-Nasal Arc	105	102	105	111	100	100
Nasal length	50	45	56	52	50	51
Nasal breadth	33	34	34	36	42	31
Nasal height or depth	21	20	16	20	20	18
Upper Facial length	63	70	70	71	64	63
Total Facial length	111	120	100	117	123	118
Hor. circ. of the head	520	540	515	550	540	530
Sagittal Arc	335	345	355	335	355	330
Transverse Arc	330	330	340	345	340	325

Serial No.

Locality.

Sub-caste.

145	Gaya.	Gorga.
146	"	Yatya.
147	Champanan.	Gorga.
148	Arrah.	Sandilya.
149	Chapra.	Gautam.
150	Arrah.	Kashyap.
151	Patna.	Bharadvaj.
152	Chapra.	Gautam.

TABLE 82.
KANAUJIA BRAHMINs OF BEHAR.

Measurements.

Sudeo Upadhyay.	Geutisankar Misra.	Raj Kumar Panday.	Suresh Panday.	Ramnagina Panday.	Jageswar Tewari.	Basanta Upadhyay.	Gobin Tewari.	Faujdar Ojha.	Seo Ratan Dobey.
151	152	153	154	155	156	157	158	159	160
35	22	23	23	29	30	22	29	50	25
1610	1567	1616	1661	1680	1681	1535	1630	1656	1610
1480	1453	1520	1534	1573	1545	1419	1516	1540	1492
130	114	96	127	107	136	116	114	116	118
189	178	178	190	191	189	181	177	191	191
148	138	155	153	139	146	141	138	147	141
104	102	101	111	98	103	93	100	104	105
133	130	123	137	135	134	120	125	131	126
95	91	100	101	100	104	90	90	110	90
32	33	29	34	29	31	29	32	30	31
88	89	90	99	93	91	87	89	92	88
100	112	107	105	107	105	102	103	100	102
46	50	54	51	53	46	49	50	57	44
36	33	35	38	38	41	37	33	36	30
18	20	15	20	21	21	18	19	21	21
57	57	65	64	68	55	63	57	68	56
110	108	114	120	121	115	111	102	123	106
525	513	530	535	529	550	495	506	554	540
330	316	355	355	337	350	322	320	335	326
335	314	349	340	345	355	340	335	330	335

Serial No.	Locality.	Sub-caste.
153	Patna.	Vataya.
154	Bhagalpur.	Richik.
155	Patna.	Geutam.
156	Darbhanga.	Sandilya.
157	Patna.	Ghruta Kormi.
158	Darbhanga.	Sandilya.
159	Patna.	Kashyap.
160	Arrah.	Bharadvaj.

TABLE 83.

KANAUJIA BRAHMINS OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

Serial No.	1	2	3	4	5	6	
Length-Breadth Index of the Head	75-82	70-50	80-10	74-50	76-84	84-78	1
Length-Height Index of the Head	62-69	70-50	75-39	69-50	65-26	64-67	2
Breadth-Height Index of the Head	82-89	100-00	94-12	93-29	84-93	76-28	3
Trans. Fronto-Parietal Index	71-71	75-18	68-63	70-47	77-40	72-44	4
Orbito-Nasal Index	126-26	116-84	132-97	122-33	126-37	108-66	5
Nasal Index	65-45	79-59	69-23	55-56	70-91	77-36	6
Nasal elevation Index	52-78	33-33	75-00	73-33	53-85	48-78	7
Upper Facial Index	50-36	45-86	46-10	46-71	49-63	48-28	
Total Facial Index	83-94	83-46	82-98	83-21	82-96	86-21	
Trans. Cephalo-Facial Index	90-13	94-33	92-16	91-95	92-47	92-95	
Vertical Cephalo-Facial Index	91-27	78-72	81-25	82-01	90-32	105-04	
Zygomatiko-Frontal Index	79-56	79-70	74-47	76-64	83-70	77-93	
Zygomatiko-Mandibular Index	75-18	83-46	73-05	83-21	85-19	77-24	

TABLE 83.

KANAUIA BRAHMINS OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

	7	8	9	10	11	12	13	14	15	16
1	75-03	80-53	81-08	80-60	71-79	77-80	70-32	73-74	74-48	73-30
2	70-98	66-32	72-07	71-27	80-00	74-74	66-32	66-67	54-69	69-11
3	93-84	82-35	90-00	88-36	111-43	95-95	86-90	90-41	73-43	94-20
4	69-18	75-82	69-33	76-71	75-71	75-00	73-10	73-97	77-62	77-14
5	113-86	112-75	100-38	112-12	103-00	110-16	103-60	126-37	125-00	119-35
6	67-31	67-86	70-00	74-51	71-74	61-82	67-92	63-16	57-14	72-00
7	57-14	57-89	65-71	42-11	63-04	58-82	61-11	61-11	78-13	55-56
	48-55	47-48	47-69	44-12	46-97	47-01	48-48	51-15	50-00	46-27
	84-06	84-17	73-85	80-15	84-85	79-85	84-09	90-84	92-31	82-84
	94-52	90-85	85-67	93-15	94-29	90-54	91-03	89-73	90-91	95-71
	84-67	92-86	71-11	84-50	71-79	75-35	88-10	90-15	114-28	84-09
	73-19	83-45	80-00	82-35	80-30	82-84	80-30	82-44	85-38	80-80
	77-54	75-54	69-23	81-62	75-76	70-10	78-79	79-39	80-77	76-87

TABLE 83.

KANAUJIA BRAHMINS OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

Serial No.	17	18	19	20	21	22	
Length-Breadth Index of the Head	78-98	72-16	76-67	70-47	73-44	72-57	1
Length-Height Index of the Head	86-93	78-87	78-33	73-58	65-63	72-57	2
Breadth-Height Index of the Head	110-07	109-29	102-17	104-41	89-36	100-00	3
Trans. Fronto-Parietal Index	76-98	79-29	80-43	81-62	78-72	76-38	4
Orbito-Nasal Index	126-37	126-37	115-63	123-66	111-65	116-28	5
Nasal Index	62-96	64-29	72-00	66-07	65-38	56-67	6
Nasal elevation Index	79-41	58-33	55-56	70-27	64-71	73-53	7
Upper Facial Index	45-45	51-91	49-23	50-76	49-62	52-07	
Total Facial Index	81-06	84-73	85-38	85-61	82-44	87-60	
Trans. Cephalo-Facial Index	94-96	93-57	94-20	97-06	92-91	95-28	
Vertical Cephalo-Facial Index	69-93	72-55	78-72	79-58	85-71	83-46	
Zygomatico-Frontal Index	81-06	84-73	85-38	84-09	84-73	80-17	
Zygomatico-Mandibular Index	71-21	77-86	63-85	75-76	76-34	74-38	

TABLE 83.

KANAUJIA BRAHMINS OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

	23	24	25	26	27	28	29	30	31	32
1	73-82	68-91	77-84	73-30	72-50	75-98	72-68	78-61	74-21	71-79
2	68-06	68-39	64-80	67-02	70-00	68-63	67-01	64-17	63-16	63-59
3	92-20	99-25	83-33	91-43	96-55	90-32	92-20	81-63	85-11	88-57
4	76-60	75-19	72-22	77-14	76-55	69-68	80-14	72-11	74-47	70-00
5	126-37	116-84	108-82	127-47	119-79	125-00	120-00	111-65	119-79	111-65
6	58-93	63-64	68-00	70-37	72-00	76-36	62-50	64-29	62-50	80-00
7	75-76	60-00	64-71	65-79	58-33	64-29	67-74	61-11	68-57	52-50
	47-69	50-77	50-00	52-76	51-85	47-18	48-51	49-62	56-15	46-56
	85-38	92-31	86-92	92-91	91-11	80-99	79-10	83-46	90-15	91-60
	92-20	97-74	90-28	90-71	93-10	91-61	95-04	90-48	92-20	93-57
	85-38	90-91	94-17	92-19	87-86	82-14	81-54	92-50	104-17	96-77
	83-06	76-92	80-00	85-04	82-22	76-06	84-33	79-70	80-77	74-81
	74-62	73-08	69-23	73-23	70-37	71-83	67-91	69-92	70-77	70-99

TABLE 83.

KANAUJIA BRAHMINs OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

Serial No.	33	34	35	36	37	38
Length-Breadth Index of the Head	79.47	75.27	66.83	76.32	74.86	70.62
Length-Height Index of the Head	63.68	68.28	55.45	56.32	61.75	54.12
Breadth-Height Index of the Head	80.13	90.71	82.96	73.79	82.48	76.64
Trans. Fronto-Parietal Index .	72.19	79.29	74.07	72.41	77.37	71.53
Orbito-Nasal Index . . .	113.08	120.65	112.90	117.89	113.27	119.32
Nasal Index	70.59	64.29	61.11	80.30	76.00	53.57
Nasal elevation Index . . .	66.67	58.33	75.76	60.98	57.89	90.00
Upper Facial Index . . .	45.98	53.03	50.00	53.28	46.21	51.94
Total Facial Index . . .	87.59	89.39	89.68	83.94	80.30	86.05
Trans. Cephalo-Facial Index .	90.73	94.29	93.33	94.48	96.35	94.16
Vertical Cephalo-Facial Index .	99.17	92.91	100.89	107.48	93.81	105.71
Zygomatico-Frontal Index . .	79.56	84.09	79.37	76.64	80.30	75.97
Zygomatico-Mandibular Index .	70.07	75.76	75.40	81.75	68.18	69.77

TABLE 83.

KANAUIA BRAHMINS OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

	39	40	41	42	43	44	45	46	47	48
1	73-58	72-22	77-72	72-97	73-68	69-47	77-90	72-96	77-42	73-60
2	55-44	71-21	77-17	63-24	57-37	67-37	81-22	68-37	76-34	66-50
3	75-35	98-60	99-30	86-67	77-86	96-97	104-26	93-71	98-61	90-34
4	74-65	72-73	72-73	76-30	75-00	75-76	73-76	72-03	71-53	77-24
5	119-79 •	120-00 •	118-09	121-05	114-43	115-38	116-84	117-89	113-86	111-11
6	61-54	72-55	78-43	65-38	69-39	72-00	63-46	78-26	61-11	76-60
7	71-88	67-57	55-00	70-59	67-65	55-56	60-61	55-56	60-61	63-89
	50-76	47-69	49-24	50-00	47-73	49-59	48-12	42-31	44-78	44-76
	93-18	97-69	84-09	85-07	85-61	81-30	79-70	81-54	89-55	79-72
	92-96	90-91	92-31	99-26	94-29	93-18	94-33	90-91	93-06	98-62
	114-95 •	90-07	78-17	97-44	103-67	78-13	72-11	79-10	84-51	87-02
	80-30	80-00	78-79	76-87	79-55	81-30	78-20	79-23	76-87	78-32
	76-52	77-69	77-27	71-64	71-07	74-80	69-17	70-00	67-91	73-03

TABLE 83.

KANAUJIA BRAHMINs OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

Serial No.	49	50	51	52	53	54
Length-Breadth Index of the Head	79.78	69.54	80.21	79.17	78.61	82.08
Length-Height Index of the Head .	71.91	69.04	80.75	72.92	67.91	79.19
Breadth-Height Index of the Head	90.14	99.27	99.34	92.11	86.39	96.48
Trans. Fronto-Parietal Index .	74.65	75.91	74.00	74.34	69.39	79.58
Orbito-Nasal Index . . .	117.35	115.38	108.11	116.50	126.31	117.35
Nasal Index . . .	64.81	62.50	70.00	72.00	62.00	70.00
Nasal elevation Index . .	60.00	71.43	57.14	58.33	80.65	62.86
Upper Facial Index . . .	47.37	51.54	43.57	45.77	50.76	43.79
Total Facial Index . . .	86.47	92.31	79.29	78.17	88.64	82.22
Trans. Cephalo-Facial Index .	93.66	94.89	93.33	93.42	89.80	95.07
Vertical Cephalo-Facial Index .	89.84	88.24	73.51	79.29	92.13	81.02
Zygomatico-Frontal Index .	79.70	80.00	79.29	79.58	77.27	83.70
Zygomatico-Mandibular Index .	72.93	69.23	75.71	78.17	75.76	77.78

TABLE 83.

KANAUJIA BRAHMINS OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

55	56	57	58	59	60	61	62	63	64
79-03	75-53	82-56	72-11	78-07	80-77	77-65	80-00	78-80	85-88
64-52	64-89	72-09	68-05	63-64	71-43	73-18	63-33	77-78	65-54
81-63	85-92	87-32	95-62	81-51	88-44	94-24	79-17	98-59	76-32
75-51	78-17	70-42	77-37	68-49	71-43	81-20	73-61	73-24	73-03
108-11	119-79	122-09	110-53	119-15	125-00	126-31	120-05	121-42	118-56
67-27	72-00	57-14	61-54	64-00	63-64	85-71	53-57	62-26	57-69
67-57	55-56	62-50	65-63	62-50	57-14	55-56	76-67	75-76	73-33
45-93	49-24	50-39	54-84	48-46	49-25	49-24	46-38	49-26	46-38
84-44	86-36	92-91	92-74	85-38	79-10	80-30	84-78	83-82	81-88
91-84	92-96	89-44	90-51	89-04	91-16	94-90	95-83	95-77	90-79
95-00	93-44	95-16	87-79	93-28	81-54	80-92	102-63	81-43	97-41
82-22	84-09	78-74	85-48	76-92	78-36	85-61	76-81	76-47	80-43
74-07	80-30	70-87	76-61	69-23	70-90	70-45	68-84	67-65	61-69

TABLE 83.

KANAUJIA BRAHMINS OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

Serial No.	65	66	67	68	69	70	
Length-Breadth Index of the Head	74.05	76.47	82.35	71.07	85.38	78.13	1
Length-Height Index of the Head	74.59	61.50	79.68	60.91	88.30	94.67	2
Breadth-Height Index of the Head	100.73	80.42	96.75	85.71	103.42	94.67	3
Trans. Fronto-Parietal Index .	76.64	72.73	76.62	69.29	71.92	[81.62]	4
Orbito-Nasal Index . . .	119.79	123.66	124.27	126.31	115.46	117.65	5
Nasal Index	68.00	61.11	75.57	64.71	67.27	61.11	6
Nasal elevation Index . .	58.82	63.64	50.00	60.61	59.46	60.61	7
Upper Facial Index . . .	50.78	49.62	43.26	48.85	47.79	47.79	
Total Facial Index . . .	89.06	91.60	74.29	93.13	78.66	83.09	
Trans. Cephalo-Facial Index .	93.43	91.61	90.91	93.57	93.15	90.67	
Vertical Cephalo-Facial Index .	82.61	104.35	89.80	101.67	70.86	79.58	
Zygomatico-Frontal Index . .	82.03	79.39	84.29	74.05	77.21	81.62	
Zygomatico-Mandibular Index .	70.31	78.63	77.14	68.70	69.85	76.47	

TABLE 83.

KANAUIA BRAHMINS OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

	71	72	73	74	75	76	77	78	79	80
1	67-82	80-00	75-68	69-70	73-63	70-56	73-82	75-05	73-20	71-88
2	72-77	72-11	63-44	66-16	70-53	58-85	66-49	65-28	64-43	63-54
3	107-30	90-13	84-29	94-93	95-71	76-87	90-07	86-30	88-03	88-41
4	81-54	77-61	79-69	83-46	82-31	84-96	84-13	77-04	81-02	76-69
5	126-04	108-11	129-67	107-14	123-33	110-89	113-98	122-45	121-05	111-00
6	59-02	66-67	61-11	55-56	61-11	59-26	66-07	58-93	68-52	56-60
7	63-89	64-71	78-79	73-33	66-07	68-75	58-82	78-79	59-46	73-33
	53-85	45-19	53-13	49-62	46-92	50-38	49-21	48-89	45-98	45-11
	92-31	87-41	91-41	90-23	89-23	93-98	84-13	91-11	81-75	87-22
	94-89	88-82	91-43	96-38	92-86	90-48	89-36	92-47	96-48	96-38
	81-63	86-13	99-15	91-60	86-57	110-61	83-46	97-62	89-60	95-08
	81-54	77-04	79-69	83-46	82-31	84-96	84-13	77-04	81-01	76-69
	76-92	74-07	76-56	79-70	76-92	69-92	75-40	68-15	75-18	77-44

TABLE 83.

KANAUJIA BRAHMIN OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

Serial No.	81	82	83	84	85	86	
Length-Breadth Index of the Head	73-26	71-05	69-90	72-32	74-11	72-45	1
Length-Height Index of the Head .	69-52	54-21	75-51	71-65	70-56	58-16	2
Breadth-Height Index of the Head	94-89	76-30	108-03	92-67	95-21	80-23	3
Trans. Fronto-Parietal Index .	76-87	78-13	80-00	78-26	85-07	78-95	4
Orbito-Nasal Index . . .	121-05	116-67	125-00	127-66	130-39	116-19	5
Nasal Index	71-43	59-62	62-00	74-00	65-45	62-50	6
Nasal elevation Index . .	55-00	58-06	67-74	56-76	66-67	62-86	7
Upper Facial Index . . .	47-01	48-44	46-92	44-92	47-76	49-62	
Total Facial Index . . .	85-07	86-72	87-69	92-00	88-06	91-73	
Trans. Cephalo-Facial Index .	97-81	94-81	94-89	82-01	91-78	92-66	
Vertical Cephalo-Facial Index .	87-69	107-76	77-03	78-01	84-89	107-02	
Zygomatico-Frontal Index . .	76-87	78-13	80-00	78-26	85-07	78-95	
Zygomatico-Mandibular Index :	73-13	67-19	73-85	69-57	77-61	79-70	

TABLE 83.

KANAUJIA BRAHMINS OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

	87	88	89	90	91	92	93	94	95	96
1	74.48	68.18	79.03	78.69	73.30	71.92	81.99	78.92	69.47	76.60
2	66.67	65.15	70.43	73.77	74.87	61.58	72.67	65.95	71.05	73.34
3	89.51	85.56	89.12	93.75	102.14	85.62	88.64	83.56	102.27	94.44
4	79.23	80.77	86.76	83.46	84.96	80.85	82.93	81.54	80.83	81.68
5	124.47 •	123.71 •	117.92	123.76	103.45	121.36	114.43	122.44	128.57	131.86
6	66.04	68.00	64.00	67.31	70.59	82.69	60.00	73.33	58.18	60.78
7	60.00	58.82	71.88	65.71	58.33	53.49	60.61	84.85	62.50	58.06
	46.92	49.23	44.12	45.11	42.11	48.23	51.22	46.15	58.33	51.91
	86.15	92.31	81.62	78.95	77.44	81.56	84.55	83.85	93.33	90.08
	90.91	96.30	92.52	92.36	95.00	96.58	93.18	89.04	90.91	90.97
	87.50	93.02	84.73	77.78	72.03	92.00	88.89	89.34	82.96	86.76
	79.23	80.77	86.76	83.46	84.96	80.85	82.93	81.54	80.83	81.68
	66.15	72.31	69.12	75.19	71.43	78.72	83.74	77.69	76.67	70.23

TABLE 83.

KANAUJIA BRAHMINS OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

—	97	98	99	100	101	102
Length-Breadth Index of the Head.	82-86	73-02	75-28	79-37	75-00	74-35
Length-Height Index of the Head .	75-43	79-37	71-58	69-84	77-50	60-73
Breadth-Height Index of the Head .	91-03	108-70	95-10	88-00	103-33	81-60
Trans. Fronto-Parietal Index .	76-81	80-47	79-70	71-33	67-33	72-54
Orbito-Nasal Index . . .	115-00	130-00	116-84	115-31	113-33	122-22
Nasal Index	62-75	63-64	72-55	72-55	33-33	58-93
Nasal elevation Index . . .	62-50	57-14	59-46	51-35	40-00	57-58
Upper Facial Index . . .	45-65	46-88	45-11	47-44	42-11	44-85
Total Facial Index . . .	81-88	92-19	81-20	86-86	81-95	83-82
Trans. Cephalo-Facial Index .	95-17	92-75	93-01	91-33	88-67	95-77
Vertical Cephalo-Facial Index .	85-61	78-67	79-41	90-15	70-32	80-28
Zygomatleo-Frontal Index . .	76-81	80-47	79-70	78-10	75-94	75-74
Zygomatleo-Mandibular Index .	76-09	73-44	76-69	78-83	76-69	69-85

TABLE 83.

KANAUJIA BRAHMINS OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

	103	104	105	106	107	108	109	110	111	112
1	80-73	76-24	75-82	77-84	82-46	77-08	75-00	73-22	74-19	71-57
2	72-40	64-64	67-03	83-78	77-78	59-90	71-94	57-92	62-37	61-42
3	89-68	84-78	88-41	107-64	94-33	77-70	95-92	79-10	84-06	85-82
4	71-61	72-46	76-81	69-44	73-05	68-24	70-75	76-87	69-57	70-92
5	100-00	119-54	111-34	117-28	115-38	110-99	119-35	117-65	112-50	120-43
6	61-11	82-93	86-36	73-91	69-81	70-59	67-86	78-72	63-16	68-03
7	69-70	58-82	50-00	52-94	56-76	55-56	50-00	45-95	58-33	54-29
	48-55	35-07	38-64	46-83	52-38	42-31	56-59	48-41	46-92	44-12
	86-96	68-66	71-21	83-33	91-27	81-54	102-33	92-06	86-92	87-50
	88-46	97-10	95-65	87-50	89-36	87-84	87-76	94-03	94-20	96-45
	86-33	78-63	77-05	67-74	86-37	92-17	93-62	109-43	97-41	98-35
	80-43	74-63	80-30	79-37	81-75	77-69	80-62	81-75	73-85	73-53
	77-54	73-13	79-55	79-37	75-40	81-54	81-40	81-75	72-81	75-74

TABLE 88.

KANAUJIA BRAHMINS OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

—	113	114	115	116	117	118
Length-Breadth Index of the Head	75-14	72-04	70-92	76-22	76-84	75-13
Length-Height Index of the Head	48-11	57-53	63-78	60-54	70-06	61-93
Breadth-Height Index of the Head	64-03	79-85	89-93	79-43	91-18	82-43
Trans. Fronto-Parietal Index .	75-54	76-12	68-35	71-63	72-06	68-92
Orbito-Nasal Index . . .	116-85	120-69	123-53	121-43	121-35	130-08
Nasal Index	78-72	69-81	78-26	68-52	61-11	67-27
Nasal elevation Index . . .	48-65	51-35	41-67	64-86	57-58	62-16
Upper Facial Index . . .	46-09	50-00	49-59	51-97	52-50	56-78
Total Facial Index . . .	83-59	91-27	91-06	92-91	100-83	95-76
Trans. Cephalo-Facial Index .	92-09	94-03	88-49	90-07	88-24	79-73
Vertical Cephalo-Facial Index .	120-22	107-48	89-60	105-36	97-58	92-62
Zygomatico-Frontal Index . .	82-03	80-95	77-24	79-53	81-67	86-44
Zygomatico-Mandibular Index .	70-31	76-19	77-24	85-04	79-17	84-75

TABLE 83.

KANAUJIA BRAHMINS OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

	119	120	121	122	123	124	125	126	127	128
1	78-06	73-22	74-21	79-67	72-82	76-88	70-68	69-63	78-69	80-00
2	66-84	62-30	65-79	67-58	70-26	..	70-68	70-68	69-40	68-11
3	85-02	85-07	88-65	84-83	96-48	..	100-00	101-50	88-19	85-14
4	67-97	75-37	72-34	72-41	71-13	72-03	74-81	78-95	74-31	67-57
5	118-48	117-58	115-89	123-17	119-15	118-89	120-00	108-51	119-57	112-94
6	•	•								
6	67-92	67-31	72-34	62-00	62-71	60-71	61-11	61-82	66-07	62-50
7	58-33	60-00	58-82	74-19	54-05	58-82	51-52	73-53	62-16	56-67
	51-59	51-20	41-41	48-03	51-82	53-03	47-73	52-85	50-76	49-19
	94-44	93-60	89-84	85-83	87-59	91-67	88-64	95-12	95-45	80-65
	82-35	93-28	90-78	87-59	96-48	92-31	97-78	92-48	91-67	83-78
	90-84	102-63	92-00	88-62	87-59	..	86-67	86-67	99-21	79-37
	82-54	80-80	79-69	82-68	73-72	78-03	76-52	85-37	81-06	80-65
	79-37	80-80	78-91	79-53	76-64	77-27	81-06	82-93	78-79	80-65

TABLE 83.

KANAUJIA BRAHMINS OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

—	129	130	131	132	133	134
Length-Breadth Index of the Head	75-00	74-19	70-01	84-83	80-81	76-80
Length-Height Index of the Head	62-50	75-27	64-92	62-36	70-35	62-77
Breadth-Height Index of the Head	83-33	101-45	83-22	73-51	87-05	81-94
Trans. Fronto-Parietal Index .	74-31	69-57	67-79	66-89	74-82	88-19
Orbito-Nasal Index . . .	114-13	115-66	108-25	120-00	122-22	113-64
Nasal Index	62-96	65-38	60-78	80-00	58-13	72-00
Nasal elevation Index . . .	55-88	55-88	64-52	50-00	50-00	47-22
Upper Facial Index . . .	54-55	53-60	46-88	41-73	52-46	43-48
Total Facial Index . . .	96-97	94-40	91-41	80-31	91-80	81-16
Trans. Cephalo-Facial Index .	91-87	90-58	85-91	84-11	87-77	95-83
Vertical Cephalo-Facial Index .	106-67	84-29	94-35	91-89	92-56	94-93
Zygomatico-Frontal Index . .	81-06	76-80	78-91	79-53	85-25	92-08
Zygomatico-Mandibular Index .	79-55	73-60	76-56	84-25	77-87	76-81

TABLE 83.

KANAUJIA BRAHMINS OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

	135	136	137	138	139	140	141	142	143	144
1	76-56	83-43	87-29	73-44	77-95	78-42	80-43	75-06	74-02	72-10
2	63-02	75-69	62-98	62-50	62-56	58-42	63-59	65-57	61-27	70-50
3	82-31	90-73	72-15	85-11	80-26	74-50	79-05	86-33	82-78	97-78
4	72-79	76-16	65-82	77-30	69-74	70-47	74-32	70-50	71-52	76-30
5	110-53	124-48	119-35	122-68	119-58	117-02	108-91	111-11	108-25	120-88
6	63-46	64-15	72-92	75-47	74-51	70-59	61-54	70-11	73-08	60-78
7	63-64	47-06	40-90	55-00	47-37	52-78	65-63	60-00	55-26	64-52
	48-44	44-27	48-46	53-60	40-43	50-39	51-13	45-53	48-57	53-85
	93-75	85-50	84-62	90-40	86-43	89-15	87-97	89-43	87-14	94-62
	87-07	86-75	82-28	88-65	92-11	86-58	80-86	88-49	92-72	96-30
	99-17	81-75	96-49	94-17	99-18	103-60	100-00	91-67	97-60	93-18
	83-59	87-79	80-00	87-20	75-71	81-40	82-71	79-67	77-14	79-23
	80-47	79-49	80-77	77-60	78-57	69-77	87-22	85-37	84-29	73-08

TABLE 83.

KANAUJIA BRAHMINS OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

	145	146	147	148	149	150
Length-Breadth Index of the Head	78-14	81-77	83-43	73-82	82-51	77-72
Length-Height Index of the Head .	71-58	74-59	82-47	79-06	68-31	65-76
Breadth-Height Index of the Head	91-61	91-22	99-34	107-09	82-78	84-62
Trans. Fronto-Parietal Index .	69-93	70-95	68-21	74-47	69-54	69-93
Orbito-Nasal Index . . .	119-32	114-61	116-67	120-65	114-94	111-11
Nasal Index	66-00	75-56	60-71	69-23	84-00	60-78
Nasal elevation Index . . .	63-64	58-82	47-00	55-50	47-62	58-06
Upper Facial Index . . .	47-73	51-09	56-00	53-79	48-85	47-73
Total Facial Index . . .	84-09	87-59	80-00	88-64	93-89	89-39
Trans. Cephalo-Facial Index .	92-31	92-57	82-78	93-62	86-75	92-31
Vertical Cephalo-Facial Index .	84-73	88-89	66-67	77-48	98-40	97-52
Zygomatico-Frontal Index . .	75-76	76-64	82-40	79-55	80-15	75-76
Zygomatico-Mandibular Index .	71-21	72-99	75-20	77-27	77-10	83-33

TABLE 83.

KANAUIA BRAHMINs OF BEHAR.

Indices.

Arranged according to the order of the serial number of the measurements.

151	152	153	154	155	156	157	158	159	160
78-31	77-53	87-08	76-88	72-77	77-25	77-00	77-97	76-96	73-82
68-78	64-04	53-93	63-82	56-02	71-96	04-09	64-41	00-73	61-78
87-84	82-61	01-94	83-01	76-98	93-15	82-27	82-61	78-91	83-09
70-27	73-91	65-16	72-55	70-50	70-55	65-96	72-46	70-75	74-47
113-64	125-84	118-89	106-06	115-05	115-38	117-24	115-73	108-70	115-91
78-26	66-00	04-81	74-51	71-70	89-13	75-51	66-00	63-16	68-18
50-00	60-61	42-86	52-63	55-26	51-22	48-65	57-58	58-33	70-00
42-86	43-85	52-85	46-72	50-37	41-04	52-50	45-60	51-91	44-44
82-71	83-08	92-68	87-59	89-63	85-82	92-50	81-00	93-89	84-13
89-86	94-20	79-35	89-54	97-12	91-78	85-11	90-58	89-12	89-36
84-62	94-74	118-75	94-49	113-08	84-56	95-69	89-47	106-03	89-83
78-20	78-46	82-11	81-02	72-59	76-87	77-50	80-00	79-39	83-33
71-43	70-00	81-30	73-72	74-07	77-61	75-00	72-00	83-97	71-43

FROM TABLE 84 TO TABLE 101.

The values of $\frac{n, n'}{n_1 + n'_1} \left(\frac{m_1 - m'_1}{\sigma_1} \right)^2$ are given.

TABLE 84.

COMPARISON OF "MEAN" DIRECT "MEASUREMENTS" OF THE MAITHIL
BRAHMINS AND TELEGU BRAHMINS OF SOUTH INDIA.

Measurements and Indices.

Stature	0.74
Auricular Height	36.58
Maximum Head Length	0.02
Maximum Head Breadth	7.16
Minimum Frontal Breadth	58.44
Maximum Bizygomatic Breadth	0.30
Bigonial Breadth	3.88
Inter-Orbital Breadth	0.01
Orbito-Nasal Breadth	16.46
Orbito-Nasal Arc	6.47
Nasal Length	3.76
Nasal Breadth	14.18
Upper Facial Length	11.47
Total Facial Length	1.75
Horizontal Circ. of the Head	5.84
Length Breadth Index	29.68
Length Height Index	10.52
Breadth Height Index	31.78
Trans. Fronto-Parietal Index	70.21
Orbito-Nasal Index	19.98
Nasal Index	12.39
Upper Facial Index	2.43
Total Facial Index	8.39
Trans. Cephalo-Facial Index	22.36
Vertical Cephalo-Facial Index	8.26

TABLE 85.

COMPARISON OF "MEAN" DIRECT "MEASUREMENTS" OF THE MAITHIL
BRAHMINS AND THE PODS OF BENGAL.

Measurements and Indices.

Stature	8.10
Auricular Height	77.07
Max. Head Length	38.22
Max. Head Breadth	5.15
Min. Frontal Breadth	56.39
Max. Bizygomatic Breadth	5.52
Bigonial Breadth	0.75
Inter-Orbital Breadth	0.05
Orbito-Nasal Breadth	0.77
Orbito-Nasal Arc	27.22
Nasal Length	6.33
Nasal Breadth	1.65
Upper Facial Length	17.27
Total Facial Length	11.23
Horizontal Circ. of the Head	3.88
Length Breadth Index	24.90
Length Height Index	35.79
Breadth Height Index	40.36
Trans. Fronto-Parietal Index	40.37
Orbito-Nasal Index	7.26
Nasal Index	25.85
Upper Facial Index	20.65
Total Facial Index	0.07
Trans. Cephalo-Facial Index	66.04
Vertical Cephalo-Facial Index	1.86

TABLE 86.

COMPARISON OF "MEAN" DIRECT "MEASUREMENTS" OF THE MAITHIL
BRAHMINS AND THE URIYA BRAHMINS OF ORISSA.

Measurements and Indices.

Stature	3.46
Auricular Height	8.28
Max. Head Length	104.90
Max. Head Breadth	14.95
Min. Frontal Breadth	103.73
Max. Bizygomatic Breadth	2.74
Bigonial Breadth	1.82
Inter-Orbital Breadth	0.10
Orbito-Nasal Breadth	0.37
Orbito-Nasal Arc	25.49
Nasal Length	1.19
Nasal Breadth	8.51
Upper Facial Length	24.25
Total Facial Length	2.17
Horizontal Circ. of the Head	107.11
Length Breadth Index	10.50
Length Height Index	7.51
Breadth Height Index	0.01
Trans. Fronto-Parietal Index	53.10
Orbito-Nasal Index	116.33
Nasal Index	4.13
Upper Facial Index	48.41
Total Facial Index	29.96
Trans. Cephalo-Facial Index	2.72
Vertical Cephalo-Facial Index	13.03

TABLE 87.

COMPARISON OF "MEAN" DIRECT "MEASUREMENTS" OF THE MAITHIL
BRAHMINS AND THE NAMBUKIRI BRAHMINS OF MALABAR.

Measurements and Indices.

Stature	4.29
Auricular Height	17.28
Max. Head Length	21.46
Max. Head Breadth	8.13
Min. Frontal Breadth	66.43
Max. Bizygomatic Breadth	0.12
Bigonial Breadth	4.14
Inter-Orbital Breadth	0.06
Orbito-Nasal Breadth	23.40
Orbito-Nasal Arc	0.50
Nasal Length	1.44
Nasal Breadth	6.64
Upper Facial Length	26.90
Total Facial Length	31.48
Horizontal Circ. of the Head	31.73
Length Breadth Index	38.68
Length Height Index	2.40
Breadth Height Index	36.01
Trans. Fronto-Parietal Index	8.13
Orbito-Nasal Index	10.60
Nasal Index	24.77
Upper Facial Index	28.78
Total Facial Index	13.08
Trans. Cephalo-Facial Index	38.00
Vertical Cephalo-Facial Index	0.06

TABLE 88.

COMPARISON OF "MEAN" DIRECT "MEASUREMENTS" OF THE MAITHIL
BRAHMINS AND THE BRAHMINS OF UNITED PROVINCES OF AGRA
AND OUDH.

Measurements and Indices.

Stature	0-02
Auricular Height	72-73
Max. Head Length	0-11
Max. Head Breadth	19-28
Min. Frontal Breadth	77-03
Max. Bizygomatic Breadth	0-28
Bigonial Breadth	0-85
Inter-Orbital Breadth	20-38
Orbito-Nasal Breadth	1-03
Orbito-Nasal Arc	5-38
Nasal Length	2-78
Nasal Breadth	5-74
Upper Facial Length	45-00
Total Facial Length	26-24
Horizontal Circ. of the Head	9-60
Length Breadth Index	29-97
Length Height Index	79-10
Breadth Height Index	18-70
Trans. Fronto-Parietal Index	22-07
Orbito-Nasal Index	21-60
Nasal Index	0-13
Upper Facial Index	35-42
Total Facial Index	18-87
Trans. Cephalo-Facial Index	42-78
Vertical Cephalo-Facial Index	75-75

TABLE 89.

COMPARISON OF "MEAN" DIRECT "MEASUREMENTS" OF THE MAITHIL
BRAHMINS AND THE MALVE BRAHMINS OF CENTRAL PROVINCE.

Measurements and Indices.

Stature	1-27
Auricular Height	100-80
Max. Head Length	11-30
Max. Head Breadth	25-56
Min. Frontal Breadth	49-87
Max. Bizygomatic Breadth	0-23
Bigonial Breadth	4-06
Inter-Orbital Breadth	2-34
Orbito-Nasal Breadth	0-39
Orbito-Nasal Arc	7-59
Nasal Length	2-80
Nasal Breadth	10-11
Upper Facial Length	13-17
Total Facial Length	10-79
Horizontal Circ. of the Head	29-63
Length Breadth Index	6-61
Length Height Index	58-52
Breadth Height Index	25-75
Trans. Fronto-Parietal Index	5-85
Orbito-Nasal Index	12-94
Nasal Index	14-07
Upper Facial Index	23-00
Total Facial Index	7-56
Trans. Cephalo-Facial Index	55-23
Vertical Cephalo-Facial Index	81-76

TABLE 90.

COMPARISON OF "MEAN" DIRECT "MEASUREMENTS" OF THE MAITHIL
BRAHMINS AND BENGALI BRAHMINS OF BENGAL.

Measurements and Indices.

Stature	9.10
Auricular Height	41.82
Max. Head Length	15.39
Max. Head Breadth	6.20
Min. Frontal Breadth	19.04
Max. Bizygomatic Breadth	0.10
Bigonial Breadth	2.35
Inter-Orbital Breadth	21.94
Orbito-Nasal Breadth	25.16
Orbito-Nasal Arc	0.02
Nasal Length	6.86
Nasal Breadth	1.24
Upper Facial Length	75.87
Total Facial Length	56.53
Horizontal Circ. of the Head	5.75
Length Breadth Index	23.53
Length Height Index	15.24
Breadth Height Index	52.25
Trans. Fronto-Parietal Index	74.98
Orbito-Nasal Index	39.23
Nasal Index	1.33
Upper Facial Index	61.71
Total Facial Index	45.26
Trans. Cephalo-Facial Index	8.95
Vertical Cephalo-Facial Index	85.98

TABLE 91.

COMPARISON OF "MEAN" DIRECT "MEASUREMENTS" OF THE MAITHIL
BRAHMINS AND THE KAYASTHAS OF BENGAL.

Measurements and Indices.

Stature	6.20
Auricular Height	48.18
Max. Head Length	41.77
Max. Head Breadth	40.02
Min. Frontal Breadth	15.51
Max. Bizygomatic Breadth	12.15
Bigonial Breadth	6.49
Inter-Orbital Breadth	25.11
Orbito-Nasal Breadth	46.33
Orbito-Nasal Arc	0.10
Nasal Length	18.20
Nasal Breadth	8.05
Upper Facial Length	116.32
Total Facial Length	60.24
Horizontal Circ. of the Head	7.86
Length Breadth Index	103.55
Length Height Index	9.32
Breadth Height Index	98.99
Trans. Fronto-Parietal Index	169.85
Orbito-Nasal Index	74.07
Nasal Index	1.00
Upper Facial Index	66.59
Total Facial Index	25.73
Trans. Cephalo-Facial Index	22.44
Vertical Cephalo-Facial Index	89.43

TABLE 92.

COMPARISON OF "MEAN" DIRECT "MEASUREMENTS" OF THE MAITHIL
BRAHMINS AND SIKHS OF THE PUNJAB.

Measurements and Indices.

Stature	79.41
Max. Head Length	57.75
Max. Head Breadth	0.65
Min. Frontal Breadth	36.73
Max. Bizygomatic Breadth	48.24
Bigonial Breadth	27.55
Nasal Length	38.97
Nasal Breadth	3.13
Total Facial Length	44.39
Length Breadth Index	19.57
Trans. Fronto-Parietal Index	69.29
Nasal Index	9.72
Total Facial Index	21.70

TABLE 93.

COMPARISON OF "MEAN" DIRECT "MEASUREMENTS" OF THE KANAUJIA
BRAHMINS AND THE MALVE BRAHMINS OF CENTRAL PROVINCES.

Measurements and Indices.

Stature	0.61
Auricular Height	47.27
Max. Head Length	2.01
Max. Head Breadth	16.00
Min. Frontal Breadth	17.89
Max. Bizygomatic Breadth	3.20
Bigonial Breadth	5.06
Inter-Orbital Breadth	6.20
Orbito-Nasal Breadth	13.70
Orbito-Nasal Arc	0.04
Nasal Length	0.30
Nasal Breadth	29.33
Upper Facial Length	16.74
Total Facial Length	10.49
Horizontal Circ. of the Head	13.83
Length Breadth Index	7.99
Length Height Index	35.48
Breadth Height Index	10.33
Trans. Fronto-Parietal Index	1.30
Orbito-Nasal Index	23.49
Nasal Index	24.38
Upper Facial Index	6.86
Total Facial Index	32.63
Trans. Cephalo-Facial Index	56.63
Vertical Cephalo-Facial Index	47.22

TABLE 94.

COMPARISON OF "MEAN" DIRECT "MEASUREMENTS" OF THE KANAUJIA
BRAHMINS AND THE URIYA BRAHMINS OF ORISSA.

Measurements and Indices.

Stature	1.79
Auricular Height	0.53
Max. Head Length	52.20
Max. Head Breadth	57.38
Min. Frontal Breadth	36.75
Max. Bizygomatic Breadth	0.70
Bigonial Breadth	2.86
Inter-Orbital Breadth	4.70
Orbito-Nasal Breadth	25.93
Orbito-Nasal Arc	8.44
Nasal Length	0.05
Nasal Breadth	5.75
Upper Facial Length	30.31
Total Facial Length	20.55
Horizontal Circ. of the Head	59.40
Length Breadth Index	7.15
Length Height Index	19.38
Breadth Height Index	4.75
Trans. Fronto-Parietal Index	27.81
Orbito-Nasal Index	122.73
Nasal Index	14.05
Upper Facial Index	37.57
Total Facial Index	16.24
Trans. Cephalo-Facial Index	3.95
Vertical Cephalo-Facial Index	0.99

TABLE 95.

COMPARISON OF "MEAN" DIRECT "MEASUREMENTS" OF THE KANAUJIA
BRAHMINS AND NAMBUDIRI BRAHMINS OF MALABAR.

Measurements and Indices.

Stature	2.89
Auricular Height	1.54
Max. Head Length	41.58
Max. Head Breadth	3.36
Min. Frontal Breadth	27.64
Max. Bizygomatic Breadth	1.05
Bigonial Breadth	2.90
Inter-Orbital Breadth	0.65
Orbito-Nasal Breadth	64.90
Orbito-Nasal Arc	22.75
Nasal Length	3.17
Nasal Breadth	24.19
Upper Facial Length	31.86
Total Facial Length	30.54
Horizontal Circ. of the Head	2.03
Length Breadth Index	34.16
Length Height Index	21.15
Breadth Height Index	0.04
Trans. Fronto-Parietal Index	21.07
Orbito-Nasal Index	10.06
Nasal Index	20.31
Upper Facial Index	20.03
Total Facial Index	19.02
Trans. Cephalo-Facial Index	14.78
Vertical Cephalo-Facial Index	15.88

TABLE 96.

COMPARISON OF "MEAN" DIRECT "MEASUREMENTS" OF THE KANAUJIA
BRAHMINS AND PODS OF BENGAL.

Measurements and Indices.

Stature	6-10
Auricular Height	34-06
Max. Head Length	17-63
Max. Head Breadth	1-66
Min. Frontal Breadth	22-04
Max. Bizygomatic Breadth	0-96
Bigonial Breadth	1-28
Inter-Orbital Breadth	0-60
Orbito-Nasal Breadth	5-47
Orbito-Nasal Arc	6-94
Nasal Length	1-92
Nasal Breadth	12-74
Upper Facial Length	21-36
Total Facial Length	10-99
Horizontal Circ. of the Head	30-33
Length Breadth Index	2-02
Length Height Index	11-40
Breadth Height Index	17-62
Trans. Fronto-Parietal Index	24-90
Orbito-Nasal Index	43-42
Nasal Index	15-33
Upper Facial Index	21-04
Total Facial Index	12-80
Trans. Cephalo-Facial Index	0-30
Vertical Cephalo-Facial Index	36-08

TABLE 97.

COMPARISON OF "MEAN" DIRECT "MEASUREMENTS" OF THE KANAUJIA
BRAHMINS AND TELEGU BRAHMINS OF SOUTH INDIA.

Measurements and Indices.

Stature	0-27
Auricular Height	9-99
Max. Head Length	3-06
Max. Head Breadth	2-83
Min. Frontal Breadth	23-31
Max. Bizygomatic Breadth	0-61
Bigonial Breadth	2-73
Inter-Orbital Breadth	1-23
Orbito-Nasal Breadth	51-55
Orbito-Nasal Arc	0-00
Nasal Length	0-67
Nasal Breadth	36-04
Upper Facial Length	14-96
Total Facial Length	1-76
Horizontal Circ. of the Head	10-16
Length Breadth Index	7-21
Length Height Index	15-72
Breadth Height Index	2-29
Trans. Fronto-Parietal Index	18-39
Orbito-Nasal Index	73-68
Nasal Index	31-99
Upper Facial Index	9-32
Total Facial Index	0-42
Trans. Cephalo-Facial Index	9-75
Vertical Cephalo-Facial Index	7-16

TABLE 98.

COMPARISON OF "MEAN" DIRECT "MEASUREMENTS" OF THE KANAUJIA BRAHMINS AND THE BRAHMINS OF UNITED PROVINCES OF AGRA AND OUDH.

Measurements and Indices.

Stature	0.21
Auricular Height	31.25
Max. Head Length	17.14
Max. Head Breadth	11.33
Min. Frontal Breadth	35.87
Max. Bizygomatic Breadth	3.38
Bigonial Breadth	1.41
Inter-Orbital Breadth	11.78
Orbito-Nasal Breadth	17.60
Orbito-Nasal Arc	0.04
Nasal Length	7.39
Nasal Breadth	21.72
Upper Facial Length	51.71
Total Facial Length	25.54
Horizontal Circ. of the Head	0.24
Length Breadth Index	32.32
Length Height Index	53.00
Breadth Height Index	6.67
Trans. Fronto-Parietal Index	11.33
Orbito-Nasal Index	24.32
Nasal Index	3.39
Upper Facial Index	29.57
Total Facial Index	11.43
Trans. Cephalo-Facial Index	44.87
Vertical Cephalo-Facial Index	43.20

TABLE 99.

COMPARISON OF "MEAN" DIRECT "MEASUREMENTS" OF THE KANAUJIA BRAHMINS AND THE KAYASTHAS OF BENGAL.

Measurements and Indices.

Stature	7.97
Auricular Height	10.26
Max. Head Length	15.14
Max. Head Breadth	53.69
Min. Frontal Breadth	0.18
Max. Bizygomatic Breadth	25.59
Bigonial Breadth	7.98
Inter-Orbital Breadth	12.88
Orbito-Nasal Breadth	113.73
Orbito-Nasal Arc	8.15
Nasal Length	30.39
Nasal Breadth	32.31
Upper Facial Length	124.21
Total Facial Length	56.87
Horizontal Circ. of the Head	0.46
Length Breadth Index	89.33
Length Height Index	1.47
Breadth Height Index	56.61
Trans. Fronto-Parietal Index	122.14
Orbito-Nasal Index	77.50
Nasal Index	0.41
Upper Facial Index	54.75
Total Facial Index	14.42
Trans. Cephalo-Facial Index	3.39
Vertical Cephalo-Facial Index	44.43

TABLE 100.

COMPARISON OF "MEAN" DIRECT "MEASUREMENTS" OF THE KANAUJIA
BRAHMINS AND THE BRAHMINS OF BENGAL.

Measurements and Indices.

Stature	10-76
Auricular Height	12-75
Max. Head Length	3-93
Max. Head Breadth	11-45
Min. Frontal Breadth	2-59
Max. Bizygomatic Breadth	2-68
Bigonial Breadth	3-18
Inter-Orbital Breadth	12-95
Orbito-Nasal Breadth	65-95
Orbito-Nasal Arc.	5-45
Nasal Length	13-34
Nasal Breadth	11-57
Upper Facial Length	82-61
Total Facial Length	54-82
Horizontal Circ. of the Head	0-56
Length Breadth Index	19-76
Length Height Index	6-01
Breadth Height Index	29-36
Trans. Fronto-Parietal Index	52-60
Orbito-Nasal Index	42-36
Nasal Index	0-02
Upper Facial Index	53-38
Total Facial Index	32-72
Trans. Cephalo-Facial Index	7-04
Vertical Cephalo-Facial Index	50-85

TABLE 101.

COMPARISON OF "MEAN" DIRECT "MEASUREMENTS" OF THE KANAUJIA
BRAHMINS AND SIKHS OF THE PUNJAB.

Measurements and Indices.

Stature	69-01
Max. Head Length	27-38
Max. Head Breadth	0-09
Min. Frontal Breadth	18-19
Max. Bizygomatic Breadth	27-35
Bigonial Breadth	22-93
Nasal Length	23-30
Nasal Breadth	0-89
Total Facial Length	93-01
Horizontal Circ. of the Head	15-56
Trans. Fronto-Parietal Index	91-29
Nasal Index	20-35
Total Facial Index	30-93

EXPLANATION OF PLATE XXIII.

1. Kanaujia Brahmin (No. 85)* Front view. 1a. Profile.
Ceph. Ind.=74·11. Nas. Ind.=65·45.
2. Kanaujia Brahmin (No. 3)* Front view. 2a. Profile.
Ceph. Ind.=80·10. Nas. Ind.=69·23.
3. Kanaujia Brahmin (No. 4)* Front view. 3a. Profile.
Ceph. Ind.=74·50. Nas. Ind.=55·56.
4. Maithil Brahmin (No. 5)*. Front view. 4a. Profile.
Ceph. Ind.=74·21. Nas. Ind.=67·31.
5. Maithil Brahmin (No. 107)*. Front view. 5a. Profile.
Ceph. Ind.=82·02. Nas. Ind.=60·00.
6. Maithil Brahmin (No. 7)*. Front view. 6a. Profile.
Ceph. Ind.=75·00. Nas. Ind.=82·00.
7. Kanaujia Brahmin (No. 9)*. Front view. 7a. Profile.
Ceph. Ind.=81·08. Nas. Ind.=70·00.
8. Maithil Brahmin (No. 187)*. Front view. 8a. Profile.
Ceph. Ind.=86·34. Nas. Ind.=67·27.
9. Maithil Brahmin (No. 186)*. Front view. 9a. Profile.
Ceph. Ind.=87·57. Nas. Ind.=67·09.

* Numbers with asterisks refer to the serial numbers of tables Nos. 80 and 82 for the Maithils and the Kanaujias respectively.



B. K. Chatterjee. Photo.

The Maithil and the Kanaujia Brahmins of Behar.

EXPLANATION OF PLATE XXIV.

1. Maithil Brahmin (No. 13)* Front view. 1a. Profile.
Ceph. Ind.=74·87. Nas. Ind.=65·45.
2. Maithil Brahmin (No. 21)* Front view. 2a. Profile.
Ceph. Ind.=80·53. Nas. Ind.=75·45.
3. Kanaujia Brahmin (No. 23)* Front view. 3a. Profile.
Ceph. Ind.=73·82. Nas. Ind.=58·93.
4. Maithil Brahmin (No. 11)* Front view. 4a. Profile.
Ceph. Ind.=81·61. Nas. Ind.=68·00.
5. Maithil Brahmin (No. 3)* Front view. 5a. Profile.
Ceph. Ind.=76·17. Nas. Ind.=64·00.
6. Kanaujia Brahmin (No. 86)* Front view. 6a. Profile.
Ceph. Ind.=72·45. Nas. Ind.=62·50.
7. Maithil Brahmin (No. 1)* Front view. 7a. Profile.
Ceph. Ind.=80·10. Nas. Ind.=70·59.
8. Kanaujia Brahmin (No. 1)* Front view. 8a. Profile.
Ceph. Ind.=75·62. Nas. Ind.=65·45.
9. Maithil Brahmin (No. 4)* Front view. 9a. Profile.
Ceph. Ind.=79·19. Nas. Ind.=64·07.

* Numbers with asterisks refer to the serial numbers of tables Nos. 80 and 82 for the Maithils and the Kanaujias respectively.



B. K. Chatterjee, Photo.

The Maithil and the Kanaujia Brahmins of Behar.

